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ABSTRACT

This report presents the results of a questionnaire from 161 members of the Association of Physical Plant Administrators of Universities and Colleges (APPA). The purpose of this report is to compile and present comparative cost data for the maintenance and operation of physical plants of universities and colleges for the fiscal year 1972-73. The organization of information in this report is intended to facilitate its extraction and further analysis in a manner most beneficial to individual institutions. The survey results are presented as follows: unit costs per gross square foot and wage rate survey, both grouped by region, enrollment, and top level of academic program. Results are also presented in graphs. The appendix included the questionnaire, adopted standards for classification of accounts, and floor area definitions. (Author/PG)

ED 086120

COMPARATIVE UNIT COST AND WAGE RATE REPORT ON MAINTENANCE AND OPERATION OF PHYSICAL PLANTS OF UNIVERSITIES AND COLLEGES

-1973-

HE005-028

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PURPOSE

The purpose of this report is to compile and present comparative cost data for fiscal year 1972-73 in a convenient form for APPA members.

The organization of information in this report is intended to facilitate its extraction and further analysis by members in a manner they deem most beneficial to their individual institutions.

The terms and definitions used herein do not necessarily imply a mode of operation or organization structure; nor is the data to be used for budgetary purposes without careful analysis since factors influencing costs vary drastically between reporting institutions. It is extremely important that items such as climate, location, methods, procedures, programs and policies be considered along with the data in this report.

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INTRODUCTION

The response to the 1973 APPA Research and Survey Committee questionnaire reflects continued improvement in member participation. Usable questionnaires increased by 80.9% and 12.6% over the 1965 and 1971 surveys respectively.

One hundred sixty-one returns were received. All questionnaires were included in the report, reflecting an excellent improvement in data quality. It appears that members have become increasingly more familiar with the Account Classification Structure used in organizing this data.

While most comments concerning the survey were very favorable, a few members again noted that this type of data could easily be misinterpreted due to factors too numerous to list. The Committee again wishes to emphasize that in no way does the data, terminology or methods used herein imply or recommend standards for its members.

The objective of this survey is rather to serve as a catalyst to promote and encourage the exchange of information between APPA members. This continued emphasis on constructive communication will assist members in the optimization of all facets of their operation.

Again we wish to express our appreciation of the efforts expended by the membership to compile the data presented in this report.

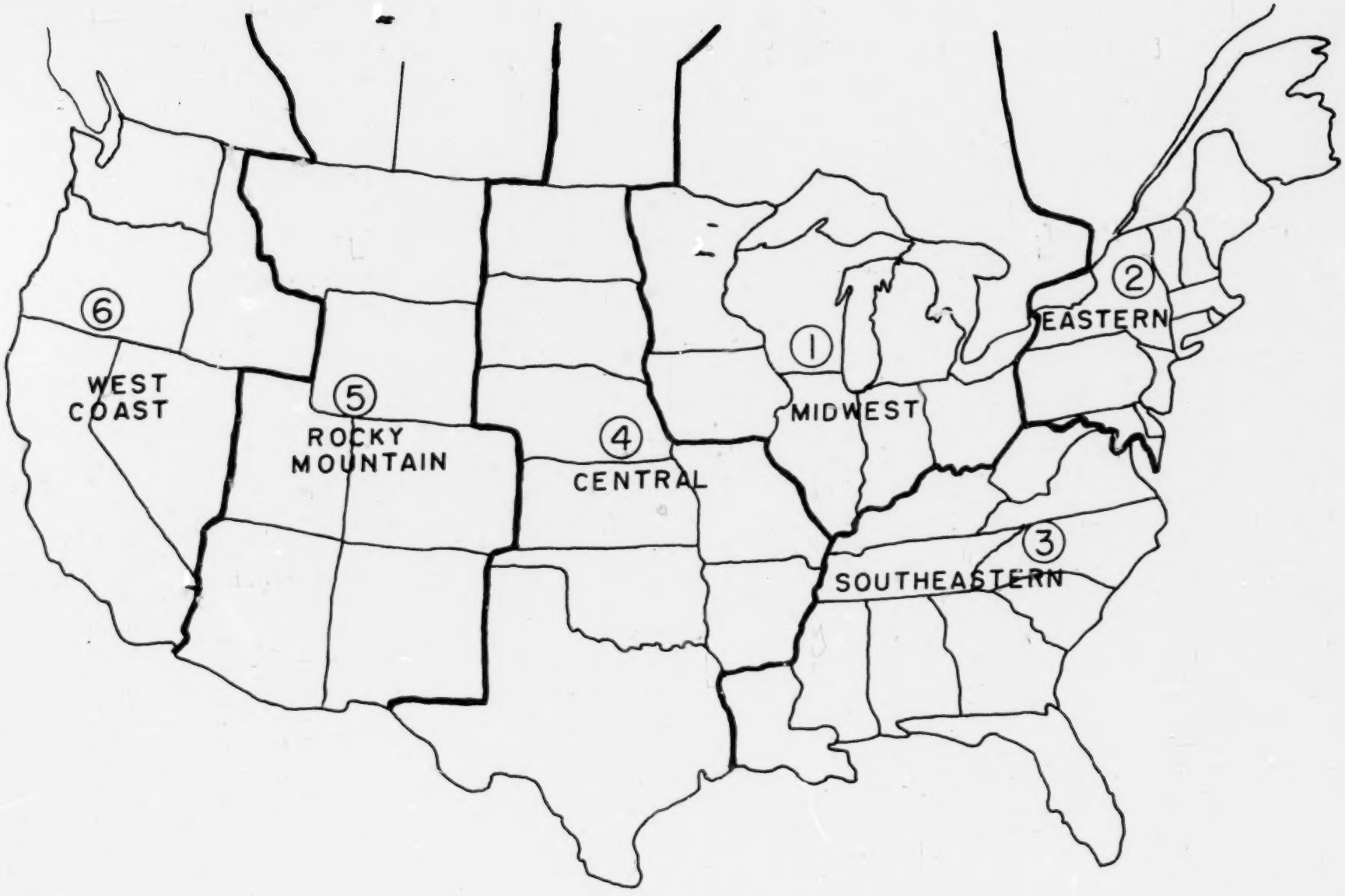
APPA RESEARCH AND SURVEY COMMITTEE

John Armour York University	Henry Barbatti, Chairman University of Tennessee
Lloyd Durow Washburn University	Russ Giersch Akron University
Burney Long Central Michigan University	Phil Rector California Institute of Technology

NUMBER	REGION	REPORTED IN 1971	UNIVERSITY NAME AND CITY
1	6		CLAREMONT COLLEGES (CLAREMONT, CAL.)
2	6		CALIFORNIA INSTITUTE OF TECHNOLOGY (PASADENA, CAL.)
3	1	*	
4	2	*	UNIVERSITY OF MARYLAND(COLLEGE PARK, MD)
5	6		UNIVERSITY OF ALASKA, FAIRBANKS CAMPUS (FAIRBANKS, ALASKA)
6	6		
7	5		COLORADO STATE UNIVERSITY (FORT COLLINS, COLO.)
8	5		UNIVERSITY OF NORTHERN COLORADO (GREELEY, COLO.)
9	6		OREGON STATE UNIVERSITY (CORVALLIS, OREGON)
10	1	*	UNIVERSITY OF WESTERN ONTARIO (LONDON, ONTARIO)
11	6	*	UNIVERSITY OF CALIFORNIA (SANTA BARBARA, CAL.)
12	5		UNIVERSITY OF COLORADO (BOULDER, COLORADO)
13	6		UNIVERSITY OF HAWAII, MANOA (HONOLULU, HAWAII)
14	4	*	NORTHERN STATE COLLEGE (ABERDEEN, SOUTH DAKOTA)
15	5		UTAH STATE UNIVERSITY (LOGAN, UTAH)
16	1	*	WILLIAM RAINEY HARPER COLLEGE (PALATINE,ILL)
17	5		UNIVERSITY OF MONTANA (MISSOULA, MONTANA)
18	4		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER (DALLAS, TEXAS)
19	1	*	
20	3	*	WAKE FOREST UNIVERSITY (WINSTON-SALEM, NC)
21	1	*	UNIVERSITY OF WINDSOR (WINDSOR, ONTARIO)
22	5		UNIVERSITY OF WYOMING (LARAMIE, WYOMING)
23	4	*	PAN AMERICAN UNIVERSITY (EDINBURG, TEXAS)
24	5	*	EASTERN MONTANA COLLEGE (BILLINGS, MONTANA)
25	5		MONTANA STATE UNIVERSITY (BOZEMAN, MONTANA)
26	3	*	UNIVERSITY OF GEORGIA(ATHENS)
27	5		UNIVERSITY OF COLORADO MEDICAL CENTER (DENVER, COLO)
28	5		DIXIE COLLEGE (ST GEORGE, UTAH)
29	3	*	UNIVERSITY OF SOUTH FLORIDA (TAMPA)
30	5		UNIVERSITY OF LETHBRIDGE (LETHBRIDGE, ALBERTA)
31	1		CARLETON UNIVERSITY (OTTAWA, ONTARIO)
32	1		EARLHAM COLLEGE (RICHMOND, INDIANA)
33	1		
34	1		GRAND VALLEY STATE COLLEGE (ALLENDALE, MICHIGAN)
35	6	*	
36	4	*	
37	1		DELTA COLLEGE UNIVERSITY (CENTER, MICHIGAN)
38	6	*	CENTRAL WASHINGTON STATE COLLEGE (ELLENSBURG, WASH.)
39	4	*	UNIVERSITY OF MISSOURI-ROLLA (ROLLA, MO.)
40	1		OHIO UNIVERSITY (ATHENS, OHIO)
41	4	*	SOUTHERN METHODIST UNIVERSITY (DALLAS, TEXAS)
42	1		UNIVERSITY OF ILLINOIS CHICAGO CIRCLE CAMPUS
43	1		UNIVERSITY OF CINCINATTI (CINCINATTI OHIO)
44	3	*	TULANE UNIVERSITY (NEW ORLEANS, LA)
45	1	*	
46	2	*	
47	2	*	
48	4		ARKANSAS POLYTECHNIC COLLEGE (RUSSELLVILLE, ARKANSAS)
49	3	*	NORTH CAROLINA STATE UNIVERSITY (RALEIGH)
50	4	*	TEXAS A+M (COLLEGE STATION, TEXAS)
51	2	*	UNIVERSITY OF MASSACHUSETTS (AMHERST, MASS.)
52	4		JUNIOR COLLEGE DISTRICT OF ST. LOUIS COUNTY (ST LOUIS, MO)
53	2	*	URSINUS COLLEGE (COLLEGEVILLE, PA)
54	4		UNIVERSITY OF MISSOURI-ST. LOUIS (ST. LOUIS, MO)
55	1	*	BALL STATE UNIVERSITY (MUNCIE, INDIANA)

NUMBER	REGION	REPORTED IN 1971	UNIVERSITY NAME AND CITY
56	6	*	WASHINGTON STATE UNIVERSITY (PULLMAN, WA)
57	6	*	UNIVERSITY OF ALBERTA (EDMONTON, ALBERTA)
58	4		UNIVERSITY OF NEW HAMPSHIRE (DURHAM, NH)
59	6	*	STANFORD UNIVERSITY (PALO ALTO, CAL.)
60	3		FLORIDA INTERNATIONAL UNIVERSITY (TAMIAMI TRAIL, FLORIDA)
61	1		MILLIKIN UNIVERSITY (DECATUR, ILLINOIS)
62	1		JACKSON COMMUNITY COLLEGE (JACKSON MICH)
63	1		TRENT UNIVERSITY (PETERBOROUGH, ONTARIO)
64	1		MUSKEGON COMMUNITY COLLEGE (MUSKEGON MICH)
65	4		UNIVERSITY OF HOUSTON (HOUSTON, TEXAS)
66	2	*	AUGUSTANA COLLEGE (ROCK ISLAND, ILL)
67	1		
68	1		
69	1		
70	1		
71	2	*	MARQUETTE UNIVERSITY (MILWAUKEE, WIS)
72	1		CATONSVILLE COMMUNITY COLLEGE (CATONSVILLE, MARYLAND)
73	2	*	MCMASTER UNIVERSITY (HAMILTON, ONTARIO)
74	1		LAVAL (STE-FOY, QUEBEC)
75	2		WAYNE STATE UNIVERSITY (DETROIT, MICH.)
76	1	*	UNIVERSITY OF MISSOURI-COLUMBIA (COLUMBIA, MO)
77	4	*	INDIANA UNIVERSITY (BLOOMINGTON, INDIANA)
78	1	*	UNIVERSITY OF CALIFORNIA (LOS ANGELES, CAL.)
79	6	*	
80	2	*	UNIVERSITY OF ILLINOIS (URBANA-CHAMPAIGN ILL)
81	1	*	MICHIGAN STATE UNIVERSITY (EAST LANSING, MICH)
82	1	*	
83	1		
84	2	*	YOUNGSTOWN STATE UNIVERSITY (YOUNGSTOWN, OHIO)
85	1		UNIVERSITY OF WISCONSIN-MADISON (MADISON, WIS)
86	1		UNIVERSITY OF DELAWARE (NEWARK)
87	2	*	
88	2		CEDAR CREST COLLEGE (ALLENTOWN, PA)
89	2		HAVERFORD COLLEGE (HAVERFORD, PA)
90	2		
91	2		SOUTHERN COLORADO STATE COLLEGE (PUEBLO, COLORADO)
92	5	*	AUBURN UNIVERSITY (AUBURN, ALABAMA)
93	3	*	UNIVERSITY OF NORTH CAROLINA AT WILMINGTON (NC)
94	3	*	NEW ENGLAND COLLEGE (HENNIKER, NH)
95	2		UNIVERSITY OF SOUTHERN MISSISSIPPI (HATTIESBURG)
96	3	*	SAINT BERNARD COLLEGE (SAINT BERNARD, ALABAMA)
97	3		MARY BALDWIN COLLEGE (STAUNTON VA)
98	3		ECKERD COLLEGE (ST. PETERSBURG, FLA.)
99	3		UNIVERSITY OF FLORIDA (GAINESVILLE)
100	3	*	UNIVERSITY OF TENNESSEE MEDICAL UNITS (MEMPHIS)
101	3		LONGWOOD COLLEGE (FARMVILLE, VA.)
102	3		UNIVERSITY OF TENNESSEE AT CHATTANOOGA
103	3		UNIVERSITY OF CALGARY (CALGARY, ALBERTA)
104	2	*	N.C.A AND T STATE UNIVERSITY (GREENSBORO, NC)
105	3		FLORIDA ATLANTIC UNIVERSITY (BOCA RATON, FLA)
106	3		SOUTHEASTERN LOUISANA UNIVERSITY (HAMMOND ,LA)
107	3		ST. PETERSBURGH JUNIOR COLLEGE (FLA)
108	3		UNIVERSITY OF MISSISSIPPI (UNIVERSITY, MISS)
109	3		CENTRAL PIEDMONT COMMUNITY COLLEGE (CHARLOTTE, NC)
110	3		

NUMBER	REGION	REPORTED IN 1971	UNIVERSITY NAME AND CITY
111	1	*	UNIVERSITY OF WISCONSIN (MILWAUKEE, WISCONSIN)
112	2		VIRGINIA POLYTECHNIC INSTITUTE (BLACKSBURG)
113	1	*	
114	1	*	WESTERN MICHIGAN UNIVERSITY (KALAMAZOO, MICH.)
115	3		FLORIDA STATE UNIVERSITY (TALLAHASSEE)
116	2		ST. JOHN FISHER COLLEGE (ROCHESTER, NY)
117	1	*	INDIANA-PURDUE UNIVERSITY AT FORT WAYNE
118	1	*	BOWLING GREEN UNIVERSITY (BOWLING GREEN, OHIO)
119	1	*	CENTRAL MICHIGAN UNIVERSITY (MT PLEASANT, MICH.)
120	1	*	UNIVERSITY OF AKRON (AKRON, OHIO)
121	1	*	UNIVERSITY OF MICHIGAN (ANN ARBOR)
122	1	*	SOUTHERN ILLINOIS UNIVERSITY AT EDWARDSVILLE
123	2		COLBY COLLEGE (WATERVILLE,ME)
124	1	*	
125	1	*	
126	2		MASSASOIT COMMUNITY COLLEGE (BROCKTON, MASS.)
127	2		COLLEGE DE SHERBROOKE (SHERBROOKE, QUEBEC)
128	1	*	SOUTHERN ILLINOIS UNIVERSITY (CARBONDALE, ILLINOIS)
129	4	*	UNIVERSITY OF TEXAS AT EL PASO (EL PASO, TEXAS)
130	4	*	KANSAS STATE TEACHERS COLLEGE (EMPORIA, KANSAS)
131	4	*	UNIVERSITY OF MISSOURI-KANSAS CITY (KANSAS CITY, MO)
132	4	*	SOUTH DAKOTA STATE UNIVERSITY (BROOKINGS, SD)
133	4	*	WASHINGTON UNIVERSITY-SCHOOL OF MEDICINE (ST.LOUIS, MO.)
134	2		MANHATTAN COLLEGE (NEW YORK CITY)
135	4	*	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER (SAN ANTONIO)
136	2		
137	2		ESSEX COUNTY COLLEGE (NEWARK, NJ)
138	2	*	ALFRED UNIVERSITY (ALFRED,NY)
139	2		
140	3	*	
141	2		LEHIGH UNIVERSITY (BETHLEHEM, PA)
142	2		
143	2		ROCHESTER INSTITUTE OF TECHNOLOGY (ROCHESTER, NY)
144	2		
145	2		UNIVERSITY OF MAINE (ORONO, ME)
146	2		UNIVERSITY OF WATERLOO (WATERLOO, ONTARIO)
147	2		
148	1		UNIVERSITY OF MANITOBA (WINNIPEG, MANITOBA)
149	1		OAKLAND COMMUNITY COLLEGE (OAKLAND COUNTY, MICH)
150	2		ACADIA UNIVERSITY (WOLFVILLE, NOVA SCOTIA)
151	1		LORAIN COUNTY COMMUNITY COLLEGE (ELYRIA, OHIO)
152	6		UNIVERSITY OF WASHINGTON (SEATTLE, WASHINGTON)
153	5		BRIGHAM YOUNG UNIVERSITY (PROVO, UTAH)
154	4		OKLAHOMA STATE UNIVERSITY (STILLWATER, OKLAHOMA)
155	3		MURRAY STATE UNIVERSITY (MURRAY, KENTUCKY)
156	4		KANSAS STATE UNIVERSITY (MANHATTAN, KANSAS)
157	4		UNIVERSITY OF NEBRASKA MEDICAL CENTER (OMAHA, NEB.)
158	4		STEPHEN F. AUSTIN STATE UNIVERSITY (NACOGDOCHES, TEX)
159	2		YORK UNIVERSITY (DOWNSVILLE, ONTARIO)
160	3		MEDICAL UNIVERSITY OF SOUTH CAROLINA(CHARLESTON)
161	1		UNIVERSITY OF MINNESOTA (MINNEAPOLIS-ST. PAUL)



APPA REGIONS

UNIT COSTS - MIDWEST REGION

(SQUARE FEET IN THOUSANDS)

FTES	SCH NUM	ADMINI-STRATION SQFT	$/SF (1)	BUILDING MAINTENANCE SQFT	$/SF (2)	CUSTODIAL SERVICES SQFT	$/SF (3)	SAFETY + EMPLOYEE TRAINING SQFT	$/SF (4)	UTILITIES SQFT	$/SF (5)	LANDSCAPE AND GROUNDS SQFT	$/SF (6)	TRAFFIC AND SECURITY SQFT	$/SF (8)	GENERAL SERVICES SQFT	$/SF (9)	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2	4	G	M	CAMPUS AREA ACRES GROSS AREA	INTEN MAINT
980	019	115	.206	115	.305	984	.571	INCL. IN 8		115	.752	115	.245	115	.336	INCL. IN 1		13362	X				217	35
1024	003	222	.081	222	.200	222	.248			222	.270	222	.126	222	.112	222	.044			X	X		70	60
1150	032	691	.060	291	.366	291	.394			691	.403	691	.065	691	.079	691	.072			X			650	40
1467	061			580	.133	580	.151	580	.002	580	.321	1168	.027	580	.063			200000		X			40	40
1543	124	231	.079	231	.149	231	.263	231	.003	231	.255	231	.056	231	.014	231	.053			X			18	14
2131	062	25	.085	70	.235	140	.467	2	.008	120	.401	37	.124	19	.062	25	.084	10413	X				555	70
2267	063	761	.210	486	.290	486	.420	INCL. IN 8		486	.490	761	.110	761	.050	761	.170			X	X		1378	92
2402	064	293	.006	294	.176	294	.666			294	.342	294	.054	294	.034	294	.020	40236	X				110	27
2627	067	921	.042	495	.309	495	.362			625	.235	531	.106	922	.032					X	X		90	45
3009	151	338	.095	338	.051	291	.586			338	.255	6273	.015		.200			82000	X				250	144
3500	068	270	.074	270	.300	270	.466			270	.507	270	.193	270	.033	270	.156	8400	X				320	100
3657	069	904	.087	904	.240	904	.391	INCL. IN 8		904	.703	904	.129	904	.161			25000		X			700	100
3692	149																	300000	X				663	321
3782	070	1385	.049	653	.244	653	.347	1357	.001	653	.424	9932	.010			1385	.027	10000		X			303	228
4115	117	450	.079	450	.103	450	.445			445	.636	450	.094	450	.181	450	.360		X	X	X		475	70
4500	037	510	.078	510	.246	510	.470			510	.470	545	.100			510	.060	10000	X				640	180
5100	016	429	.210	429	.280	429	.910	429	.010	429	.810	429	.380	429	.280	429	.030	26750	X				198	131
5300	034	478	.012	478	.333	478	.488			478	.707	478	.201	478	.151					X			900	112
5376	033	2006	.067	1154	.219	1154	.306			2006	.401	2006	.056			1154	.037	29640	X	X	X		925	113
6500	021	1923	.056	1442	.324	1442	.880			1442	.645	1478	.104	1442	.107	1923	.054	60200			X		71	71
8175	031	1504	.166	1504	.410	1504	.452	1504	.014	1504	.828	1504	.134	1504	.160	1504	.720	3363000		X	X		153	60
8445	045	7647	.019	6481	.395	4554	.339			7647	.477	6400	.039			6414	.039	300000		X	X	X	175	75
8877	125	1089	.036	1089	.436	1089	.430			1089	.946	1089	.168	1089	.138			7344		X			316	316
9090	072	1236	.059	1236	.197	1236	.288			1236	.386	933	.097	1236	.142	1236	.095	96414		X	X		72	22
9423	122	1264	.153	1264	.222	1264	.585	1264	.035	1264	.622	1264	.408	1264	.356	1264	.067	730248		X			2686	889
9930	074	2796	.230	2717	.340	2660	.420	INCL. IN 8		2717	.410	2796	.090	2796	.110	2796	.170	400000		X	X	X	423	196
12379	083	2173	.095	2173	.340	2173	.380	3975	.012	2173	.420	12502	.020	3975	.070	3975	.053	1339800		X	X		414	289
13588	085	1057	.066	1057	.629	1024	.600			1057	.450		.040	1057	.220			26500	X	X	X		64	56
13800	119	1333	.137	1333	.388	1333	.493	INCL. IN 8		1333	.413	1333	.189	1333	.263	INCL. IN 6		279249		X	X		1338	286
15211	118	1828	.053	1828	.477					1828	.499	1828	.073			1828	.018			X	X		1255	495
15453	120	1360	.090	1360	.410	1360	.460			1360	.580	2385	.060	1360	.200	1360	.080		X	X	X		55	55
15659	010	4497	.171	3259	.222	3259	.400	3259	.006	3259	.307	3259	.058	3259	.035	4497	.034	246000	X	X	X	X	1020	204
17500	040	2909	.043	2909	.442	2909	.384			2909	.447	2909	.104					300000	X	X	X		720	430
17646	148	4448	.080	4448	.240	4448	.300			4448	.250									X	X	X	600	85
17679	114	5654	.039	5654	.188	2662	.456	5654	.013	5654	.329	5654	.095	5654	.061	5654	.040	266060	X	X	X		842	340
17722	055			1814	.351	1814	.337			1814	.363							818725		X	X	X	926	325
18975	111	4225	.099	3000	.247	3000	.401			3000	.448	1225	.119							X	X		257	97
19000	042	2963	.143	2963	.398	2963	.390	2963	.012	2963	.840	2963	.073	2963	.317			193217		X	X		115	92
20000	043	3375	.148	3375	.310	3375	.498			3375	.413	3375	.081	3375	.108	3375	.084	27492	X	X	X	X	148	148
20349	128	3382	.034	3382	.358	3382	.366	3382	.004	3382	.526					INCL.	IN 6	136097	X	X	X	X	2859	865
24585	076	4620	.057	4620	.383	4620	.589	INCL. IN 8		4620	.825	4620	.077	4620	.158	4620	.146	470357		X	X	X	175	80
27507	113	12364	.043	5780	.204	5780	.312	11148	.033	11148	.329	5780	.071	11148	.052	5780	.053	198907	X	X			900	600
30106	078	11875	.025	6699	.177	5890	.312			11834	.348	11875	.044			11875	.057	269792		X	X	X	1935	1000
31140	081	8141	.043	8141	.380	8141	.354	8141	.072	8141	.480	8141	.081	8141	.113	8141	.038			X	X		655	655
34000	086	11275	.065	10247	.217	9072	.434	11272	.014	10247	.460			11275	.867	11275	.372	1500000		X	X	X	2908	313
34620	121	8242	.053	8242	.370	8003	.403			12532	.450							1424302	X	X	X	X	2540	704
40008	082	7722	.037	7766	.302	7038	.303			13389	.332	15482	.079	15482	.059			464050	X	X	X	X	5208	1300
41220	161	8992	.036	8992	.432	8992	.340			8992	.380	8992	.044			8992	.027	1108024		X	X	X	1054	435

UNIT COSTS - EASTERN REGION

(SQUARE FEET IN THOUSANDS)

FTES	SCH NUM	ADMINISTRATION SQFT	ADMINISTRATION $/SF (1)	BUILDING MAINTENANCE SQFT	BUILDING MAINTENANCE $/SF (2)	CUSTODIAL SERVICES SQFT	CUSTODIAL SERVICES $/SF (3)	SAFETY + EMPLOYEE TRAINING SQFT	SAFETY + EMPLOYEE TRAINING $/SF (4)	UTILITIES SQFT	UTILITIES $/SF (5)	LANDSCAPE AND GROUNDS SQFT	LANDSCAPE AND GROUNDS $/SF (6)	TRAFFIC AND SECURITY SQFT	TRAFFIC AND SECURITY $/SF (8)	GENERAL SERVICES SQFT	GENERAL SERVICES $/SF (9)	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2	4	G	M	CAMPUS AREA ACRES GROSS AREA	CAMPUS AREA ACRES INTEN MAINT
350	066																		X				70	50
591	088	474	.150	474	.610	474	.510	474	.030	474	.890			474	.160	474	.040	169022		X	X	X	5	5
596	089																			X			100	100
725	090																			X			214	100
1193	084	1294	.046	642	.256	585	.338	INCL.	IN 8	607	.303	1294	.132	1294	.059	INCL.	IN 6	99000		X			325	200
1200	047			500	.260	500	.400			500	.680			500	.160			3500		X	X			
1200	053	500	.100	500	.030	500	.040	500	.600	500	.300	500	.080	INCL.	IN 4	500	.030	1000000		X			120	100
1200	080	1715	.096	1715	.997	1174	.914	1715	.009	1715	.633	1715	.017	1715	.341			1333596		X	X	X	10	10
1200	091	619	.040	619	.250	566	.275	INCL.	IN 8	566	.280	619	.065	566	.125	INCL.	IN 6	163000		X	X		43	25
1238	095	333	.064	150	.247	150	.147	INCL.	IN 8	150	.297			333	.124	INCL.	IN 6	9485		X			200	50
1376	116	343	.150	343	.330	343	.480	343	.050	343	.420	343	.130	343	.160	343	.060	107000		X			125	22
1550	123	836	.058	836	.173	836	.306	836	.001	836	.260	836	.140	836	.039	836	.102	22000		X			800	200
1625	126		.200		.080		.480		.010		.650		.010		.020		.050		X				95	83
2293	138	430	.083	430	.554	389	.446	400	.005	430	.553	430	.101	430	.070	430	.053	20000		X	X		315	250
2480	150	1163	.068	1163	.177	1163	.288			1163	.262	1786	.052	1163	.047				X	X	X		198	41
3300	127	500	.150	500	.370	500	.230	500	.020	500	.400	1290	.030	500	.170	500	.250	130000	X				66	30
3310	134	493	.090	493	.424	493	.409			493	.498	493	.120	493	.278	493	.020		X	X	X		20	20
3932	136	3100	.050	2290	.507	2150	.555			2290	.463		.053					300000		X	X	X	185	110
4380	137	186	.280	186	.560	186	.920			186	.360			186	.790	186	.020	575000	X					
4440	073	329	.133	329	.547	329	.708	329	.046	329	.946	329	.293	329	.264	329	.303	24200	X				137	88
4625	141																	107605		X	X		750	200
5195	142	1866	.047	1866	.166	1866	.491	1866	.017	1866	.428	1866	.077	1866	.069	1866	.053	120688		X			275	110
6854	139	1790	.043	1790	.391	1611	.353	1790	.016	1790	.284	1790	.028	1790	.192	1790	.027	175800		X	X		38	16
7014	143	2164	.082	2164	.319	2164	.391			2164	.583	22000	.013			2164	.080	400000			X		1300	500
8044	144																	200000		X			277	100
8830	145	1651	.112	1651	.270	1651	.360	1651	.014	1651	.430	1651	.210	1651	.100	1651	.050	240724	X	X	X		3130	400
11200	075	3950	.180	3950	.070	3950	.270	INCL.	IN 8	3950	.190	3950	.090	3950	.100	3950	.150	1146000		X			356	356
11390	159	2876	.002	2876	.158	2876	.453	4092	.012	2876	.467	4092	.012	4092	.012	2875	.012		X	X	X		566	235
11931	146	3760	.196	3760	.225	2407	.435	3760	.086	3760	.348	3760	.094	INCL.	IN 4			53000		X	X		1000	287
12245	104	3600	.040	3140	.230	3140	.420	3140	.020	3140	.380	3350	.060	3600	.060	3600	.090	400000		X		X	600	300
13663	087	2205	.022	2205	.332	2041	.438			2205	.636	2205	.094					106724		X			2315	467
14962	112	2329	.087	2329	.428	2329	.279			4550	.193	2329	.130	4550	.059	4550	.071	207600		X	X		2113	650
20560	046	4013	.070	4013	.260	2400	.750	4013	.020	3506	.320	4013	.080	3644	.170	4013	.130	2650000		X		X	1700	700
21930	051	8232	.009	8232	.304	6638	.403			8232	.307	8232	.149			8232	.001	227940		X	X		1282	566
24942	071	10994	.105	6436	.160	5493	.420			10994	.291	17424	.026					1500000	X	X	X	X	4936	400
26119	147	7159	.258	7089	.329	5990	.460	7159	.047	7089	.601	7089	.070	7159	.125	7159	.035	1992000		X	X	X	128	68
29000	004	7436	.092	6455	.388	4129	.506			7436	.641	7109	.095			7436	.076	1028000		X	X		1350	700

UNIT COSTS - SOUTHEASTERN REGION

(SQUARE FEET IN THOUSANDS)

FTES	SCH NUM	ADMINISTRATION SQFT	ADMINISTRATION $/SF (1)	BUILDING MAINTENANCE SQFT	BUILDING MAINTENANCE $/SF (2)	CUSTODIAL SERVICES SQFT	CUSTODIAL SERVICES $/SF (3)	SAFETY + EMPLOYEE TRAINING SQFT	SAFETY + EMPLOYEE TRAINING $/SF (4)	UTILITIES SQFT	UTILITIES $/SF (5)	LANDSCAPE AND GROUNDS SQFT	LANDSCAPE AND GROUNDS $/SF (6)	TRAFFIC AND SECURITY SQFT	TRAFFIC AND SECURITY $/SF (8)	GENERAL SERVICES SQFT	GENERAL SERVICES $/SF (9)	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2	4	G	M	CAMPUS AREA ACRES GROSS AREA	CAMPUS AREA ACRES INTEN MAINT
																				X			120	50
426	097	266	.060	310	.100	128	.280			211	.310	2178	.010	300	.010			80000		X			8	8
750	098																			X			280	150
958	099	208	.077	208	.261	208	.241			208	.394	208	.104	208	.096	208	.008							
1917	101	1295	.111	1295	.610	1295	.385	1295	.013	1295	.299	1295	.040	1295	.047	1295	.134	186503				X	72	6
1918	160	1471	.083	1471	.425	1065	.408	1471	.006	1471	.323	1471	.026	1471	.156			1209000		X	X	X	127	35
2066	094	313	.077	313	.248	313	.415			313	.328	313	.152	313	.216	313	.058			X			654	110
2601	102	338	.056	338	.168	332	.145			338	.216	1829	.090	2657	.090	338	.078	472134		X	X		61	42
3110	140	1677	.040	681	.110	681	.326	681	.055	1677	.298	1677	.045	1677	.068	1677	.067	407530		X	X	X	206	165
3739	020	1600	.044	1050	.330	1050	.260	1600	.002	1050	.230	1600	.070	1600	.060	1050	.070	102400		X	X	X	450	160
4147	103	573	.147	573	.282	572	.527			573	.246	572	.112			572	.069	69545		X	X		52	4
4174	060	360	.440	360	.340	360	.330	360	.003	360	.680	360	.380	360	.420	360	.460	48498	X		X		344	25
4214	105	1458	.067	1458	.096	1458	.241			1458	.302	1458	.024		.109		.018	65009			X		181	50
4757	106	1135	.100	833	.370	833	.430	INCL. IN 1		833	.590	1135	.160	1135	.160	1135	.100	180664	X		X		874	200
5979	107																			X	X		375	135
6056	155	1182	.067	1182	.046	1182	.021			2327	.191	2327	.023	2327	.039	2327	.072	182392	X	X	X		632	276
6743	108	752	.080	752	.233	752	.422				.289		.096			INCL. IN 5			X				130	79
7804	109	1072	.062	1072	.410	1072	.335	1072	.060	1072	.356	1072	.194			1072	.131	750000		X	X		1908	300
7961	044	1562	.099	1562	.233	1562	.262			1562	.358	1562	.076					139065		X	X	X	96	96
8226	096	2147	.046	2147	.046	2130	.235	2144	.013	2147	.277	2147	.085	2144	.087	2146	.044	589000		X			901	200
9100	110	526	.100	526	.680	421	.335	526	.002	526	.350	526	.080	526	.150	526	.060		X				28	28
12067	049	3369	.089	3369	.221	3369	.364			3369	.574					3369	.024	152256		X	X		574	356
15372	093	4247	.030	2218	.394	2218	.167	4247	.010	2218	.194	4247	.059	4247	.042	2218	.021	165276		X	X		1871	390
15849	026	6771	.051	4229	.195	4229	.329			4229	.378	6771	.086	6771	.093	4229	.067	502550		X	X		1435	604
18193	029	1611	.260	1611	.290	1611	.470			1611	.550	1611	.240	1611	.260			108650		X	X	X	1660	960
19616	115	2672	.073	2672	.382	2672	.435	4853	.009	2672	.550	4853	.135	4853	.139	2672	.079	494173		X	X		1339	373
24935	100	3596	.073	3596	.343	3596	.453	7625	.009	3596	.481	7625	.138	7625	.082	7625	.026	47072		X	X	X	1750	1166

UNIT COSTS - CENTRAL REGION

(SQUARE FEET IN THOUSANDS)

FTES	SCH NUM	ADMINI-STRATION SQFT	$/SF (1)	BUILDING MAINTENANCE SQFT	$/SF (2)	CUSTODIAL SERVICES SQFT	$/SF (3)	SAFETY + EMPLOYEE TRAINING SQFT	$/SF (4)	UTILITIES SQFT	$/SF (5)	LANDSCAPE AND GROUNDS SQFT	$/SF (6)	TRAFFIC AND SECURITY SQFT	$/SF (8)	GENERAL SERVICES SQFT	$/SF (9)	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2	4	G	M	CAMPUS AREA ACRES GROSS AREA	INTEN MAINT
470	018			567	.599	543	.473					567	.086	567	.456	567	.169	2111790				X	58	35
590	133	1317	.065	1317	.467	377	1.09			1317	.843	1317	.039	1317	.125	1317	.027	2000000			X	X	20	20
785	135	468	.208	468	.288	468	.534	468	.066	468	1.11	468	.097	468	.233	468	.073	120600		X	X		100	35
1415	157	1276	.040	1185	.270	977	.740			1277	.390	1185	.060	1298	.060	1298	.040	250000				X	44	30
2275	048	427	.079	427	.085	427	.151	427	.001	427	.309	427	.065	427	.061	427	.053	29168		X			475	145
2303	014	610	.054	394	.173	394	.233			394	.284			610	.039	394	.048	22335		X	X		52	45
4569	039	1325	.197	1160	.172	1089	.366	1325	.019	1278	.658	4950	.016	5898	.036			232950		X	X		192	105
5466	023	842	.049	565	.234	550	.265	830	.005			830	.087	830	.093	564	.114			X	X		162	146
6042	130	732	.097	732	.198	732	.300	INCL.	IN 1	1150	.440	1150	.100	1150	.078	732	.084	32000		X	X		412	212
6386	132																			X	X		206	126
8206	052	1653	.570	1653	.290	1653	.520			1653	.730	1653	.080	1653	.280	1653	.440		X					
9248	054	987	.109	987	.352	987	.620	987	.018	987	.428	687	.128					250361		X	X		129	113
9261	158			819	.680	810	.250			819	.600					819	.060	62146		X	X		300	208
9278	041	2620	.040	1473	.220	1473	.320	1473	.010	1473	.310	2620	.080			1473	.030	148098		X	X		171	171
9297	129	1200	.100	1200	.250	1200	.260		.025	1200	.819	2861	.034		.075		.100			X			188	100
9428	058	1610	.059	1610	.174	1610	.216	1871	.018	1871	.266	3785	.066	1871	.111	1871	.055	293045	X	X	X		3500	160
9500	036	1469	.103	1292	.289	1122	.220			1122	.225	1469	.106	1469	.141	1122	.017	80000		X	X		268	138
9597	131	1468	.177	1072	.161	1017	.717	1468	.014	1128	.618	4225	.024	146	.322			387102		X	X	X	97	
15014	050	7388	.028	4806	.290	4126	.250	7388	.005	7388	.332	7338	.041	7338	.030	7338	.012	116500		X	X		512	350
15075	156	4666	.048	2795	.229	2698	.174			3048	.380	4089	.042	4666	.056			104000		X	X	X	340	180
16951	154																			X			488	326
22051	065	3230	.040	3484	.293	3230	.324	3664	.200	3664	.450	3664	.097	3664	.106					X	X		350	175
22101	077	6408	.108	3892	.381	3924	.460	3892	.010	6156	.602	6296	.009	6366	.148	3892	.033	796011		X	X	X	1200	290

UNIT COSTS - ROCKY MOUNTAIN REGION

(SQUARE FEET IN THOUSANDS)

FTES	SCH NUM	ADMINISTRATION SQFT (1)	$/SF	BUILDING MAINTENANCE SQFT (2)	$/SF	CUSTODIAL SERVICES SQFT (3)	$/SF	SAFETY + EMPLOYEE TRAINING SQFT (4)	$/SF	UTILITIES SQFT (5)	$/SF	LANDSCAPE AND GROUNDS SQFT (6)	$/SF	TRAFFIC AND SECURITY SQFT (8)	$/SF	GENERAL SERVICES SQFT (9)	$/SF	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2	4	G	M	CAMPUS AREA ACRES GROSS AREA	INTEN MAINT
1106	027	1474	.070	1474	.310	1474	.945	1474	.014	1474	.444	1474	.036	1474	.143	1474	.327	516263		X	X	X	177	36
1200	028	189	.150	189	.470	189	.310			189	.320	189	.170	189	.040				X				73	42
1306	030	534	.145	534	.227	453	.472	INCL. IN 8		534	.470	INCL. IN 2		534	.090	INCL. IN 2		257360		X			451	35
2741	024	745	.052	745	.228	745	.262	745	.013	745	.222	745	.047	745	.062			300000			X		83	69
5300	092	933	.100	933	.240	730	.400			730	.400		.140	933	.150	933	.230	35000		X			840	85
8102	025	1478	.065	1478	.129	1397	.241			1589	.266	1589	.073	1589	.054	1589	.125	189569		X	X		1171	204
8546	022	3126	.029	2172	.220	2172	.250			3126	.184	3823	.047			2172	.042	280000		X	X		635	95
8547	017	1263	.100	1263	.230	1263	.320			1263	.260	1263	.050	1263	.050	1263	.140	1615674		X			707	201
8763	015	2542	.093	2542	.171	2542	.176	2542	.016	2542	.212	2542	.043	2542	.025	2542	.004	783669		X	X		376	281
10056	012	3056	.080	3056	.160	3056	.300	3056	.010	3056	.330	3056	.100	3056	.100	3056	.050	75101		X	X		596	60
11555	008	1078	.070	1078	.310	1078	.290	INCL. IN 8		1078	.350	1078	.170	1078	.090	1078	.010	12862		X	X		292	247
16656	007	3336	.092	3336	.188	3336	.296	INCL. IN 2		3336	.255	3336	.092	3336	.082			103733		X	X		2862	421
26260	153	5476	.088	3742	.189	3742	.286	5476	.005	5476	.175	10934	.026	17947	.018	5476	.022	549359		X	X		590	251

UNIT COSTS - WEST COAST REGION

(SQUARE FEET IN THOUSANDS)

FTES	SCH NUM	ADMINI-STRATION SQFT	$/SF (1)	BUILDING MAINTENANCE SQFT	$/SF (2)	CUSTODIAL SERVICES SQFT	$/SF (3)	SAFETY + EMPLOYEE TRAINING SQFT	$/SF (4)	UTILITIES SQFT	$/SF (5)	LANDSCAPE AND GROUNDS SQFT	$/SF (6)	TRAFFIC AND SECURITY SQFT	$/SF (8)	GENERAL SERVICES SQFT	$/SF (9)	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2	4	G	M	CAMPUS AREA ACRES GROSS AREA	INTEN MAINT
1515	002	1708	.186	1708	.167	1708	.314			1708	.828	1708	.103			1708	.114	1180000		X	X		78	78
2629	005	1574	.060	1574	.720	1010	.990	1574	.060	1478	.930	1783	.190	1574	.130	1574	.110		X	X	X		335	41
4333	001	2549	.048	1433	.343	1167	.415	2549	.009	1433	.455	2549	.073	2549	.072	1433	.021	178787		X	X		455	264
4800	006	682	.093	682	.352	682	.335	682	.011	682	.298	682	.149					91000	X				250	106
6714	038	1026	.141	1026	.295	946	.386			1026	.310	1026	.216	2197	.055	1026	.057	46353		X	X		320	163
11500	059	3654	.091	3654	.190	3654	.293			3654	.407	3654	.104	3654	.020	3654	.010	102132		X	X	X	8500	150
12274	011	2285	.063	2285	.286	2285	.326			2285	.599	2285	.162			2285	.016	155396		X	X		840	43
14500	056	6450	.053	4079	.364	3230	.295	6450	.017	5692	.213	5781	.056	6450	.035	5781	.013	895680		X	X		1678	592
15545	035	4755	.068	4755	.346	3186	.386	4755	.065	4755	.181	4755	.135	4755	.091	4745	.060	145000		X	X	X	3776	856
15795	009	3552	.078	3552	.155	3095	.286	3552	.005	3552	.244	3552	.039	3552	.054	3552	.031	105287		X	X		414	111
17738	057	5156	.080	5156	.201	5156	.474	5156	.005	5156	.400	5156	.064	5156	.054	5156	.074	1000000		X	X		190	76
19982	013	3509	.051	3509	.188	2763	.310	3509	.007	3509	.274	3509	.055			3509	.048	39166		X	X	X	303	209
29661	079	6806	.050	6806	.240	6806	.326			6806	.460	6806	.114			6806	.028	268042		X	X	X	303	211
34500	152	10855	.051	7444	.358	7019	.329	10855	.007	9180	.265	10855	.042	10855	.084	10855	.019			X	X	X	630	280

UNIT COSTS - 0-3000 F.T.E.

(SQUARE FEET IN THOUSANDS)

FTES	SCH NUM	ADMINISTRATION SQFT $/SF (1)	BUILDING MAINTENANCE SQFT $/SF (2)	CUSTODIAL SERVICES SQFT $/SF (3)	SAFETY + EMPLOYEE TRAINING SQFT $/SF (4)	UTILITIES SQFT $/SF (5)	LANDSCAPE AND GROUNDS SQFT $/SF (6)	TRAFFIC AND SECURITY SQFT $/SF (8)	GENERAL SERVICES SQFT $/SF (9)	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2	4	G	M	CAMPUS AREA ACRES GROSS AREA	INTEN MAINT
350	066										X				70	50
426	097	266 .060	310 .100	128 .280		211 .310	2178 .010	300 .010				X			120	50
470	018		567 .599	543 .473		556	567 .086	567 .456	567 .169	2111790				X	58	35
590	133	1317 .065	1317 .467	377 1.09		1317 .843	1317 .039	1317 .125	1317 .027	2000000			X	X	20	20
591	088	474 .160	474 .610	474 .510	474 .030	474 .890		474 .160	474 .040	169022		X	X	X	5	5
596	089											X			100	100
725	090											X			214	100
750	098									80000		X			8	8
785	135	468 .208	468 .288	468 .534	468 .066	468 1.11	468 .097	468 .233	468 .073	120600		X	X		100	35
958	099	208 .077	208 .261	208 .241		208 .394	208 .104	208 .096	208 .008			X			280	150
980	019	115 .206	115 .305	984 .571	INCL. IN 8	115 .752	115 .245	115 .336	INCL. IN 1	13362	X				217	35
1024	003	222 .081	222 .200	222 .248		222 .270	222 .126	222 .112	222 .044			X	X		70	60
1106	027	1474 .070	1474 .310	1474 .945	1474 .014	1474 .444	1474 .036	1474 .143	1474 .327	516263		X	X	X	177	36
1150	032	691 .060	291 .366	291 .394		691 .403	691 .065	691 .079	691 .072			X			650	40
1193	084	1294 .046	642 .256	585 .338	INCL. IN 8	607 .303	1294 .132	1294 .059	INCL. IN 6	99000		X			325	200
1200	028	189 .150	189 .470	189 .310		189 .320	189 .170	189 .040			X				73	42
1200	047		500 .260	500 .400		500 .680		500 .160		3500		X	X			
1200	053	500 .100	500 .030	500 .040	500 .600	500 .300	500 .080	INCL. IN 4	500 .030	1000000		X			120	100
1200	080	1715 .096	1715 .997	1174 .914	1715 .009	1715 .633	1715 .017	1715 .341		1333596		X	X	X	11	10
1200	091	619 .040	619 .250	566 .275	INCL. IN 8	566 .280	619 .065	566 .125	INCL. IN 6	163000		X	X		43	25
1238	095	333 .064	150 .247	150 .147	INCL. IN 8	150 .297		333 .124	INCL. IN 6	9485		X			200	50
1306	030	534 .145	534 .227	453 .472	INCL. IN 8	534 .470	INCL. IN 2	534 .090	INCL. IN 2	257360		X			451	35
1376	116	343 .150	343 .330	343 .480	343 .050	343 .420	343 .130	343 .160	343 .060	107000		X			125	22
1415	157	1276 .040	1185 .270	977 .740		1277 .390	1185 .060	1298 .060	1298 .040	250000				X	44	30
1467	061		580 .133	580 .151	580 .002	580 .321	1168 .027	580 .063		200000		X			40	40
1515	002	1708 .186	1708 .167	1708 .314		1708 .828	1708 .103		1708 .104	1180000		X	X		78	78
1543	124	231 .079	231 .149	231 .263	231 .003	231 .255	231 .056	231 .014	231 .053			X			18	14
1550	123	836 .058	836 .173	836 .306	836 .001	836 .260	836 .140	836 .039	836 .102	22000		X			800	200
1625	126	.200	.080	.480	.010	.650	.010	.020	.050		X				95	83
1917	101	1295 .111	1295 .610	1295 .385	1295 .013	1295 .299	1295 .040	1295 .047	1295 .134	186503				X	72	6
1918	160	1471 .083	1471 .425	1065 .408	1471 .006	1471 .323	1471 .026	1471 .156		1209000		X	X	X	127	35
2066	094	313 .077	313 .248	313 .415		313 .328	313 .152	313 .216	313 .058			X			654	110
2131	062	25 .085	70 .235	140 .467	2 .008	120 .401	37 .124	19 .062	25 .084	10413	X				555	70
2267	063	761 .210	486 .290	486 .420	INCL. IN 8	486 .490	761 .110	761 .050	761 .170			X	X		1378	92
2275	048	427 .079	427 .085	427 .151	427 .001	427 .309	427 .065	427 .061	427 .053	29168		X			475	145
2293	138	430 .083	430 .554	389 .446	400 .005	430 .553	430 .101	430 .070	430 .053	20000		X	X		315	250
2303	014	610 .054	394 .173	394 .233		394 .284		610 .039	394 .048	22335		X	X		52	45
2402	064	293 .006	294 .176	294 .666		294 .342	294 .054	294 .034	294 .020	40236	X				110	27
2480	150	1163 .068	1163 .177	1163 .288		1163 .262	1786 .052	1163 .047			X	X	X		198	41
2601	102	338 .056	338 .168	332 .145		338 .216	1829 .090	2657 .090	338 .078	472134		X	X		61	42
2627	067	921 .042	495 .309	495 .362		625 .235	531 .106	922 .032				X	X		90	45
2629	005	1574 .060	1574 .720	1010 .990	1574 .060	1478 .930	1783 .190	1574 .130	1574 .110		X	X	X		335	41
2741	024	745 .052	745 .228	745 .262	745 .013	745 .222	745 .047	745 .062		300000			X		83	69

UNIT COSTS - 3000-6000 F.T.E.

(SQUARE FEET IN THOUSANDS)

FTES	SCH NUM	ADMINISTRATION SQFT	ADMINISTRATION $/SF (1)	BUILDING MAINTENANCE SQFT	BUILDING MAINTENANCE $/SF (2)	CUSTODIAL SERVICES SQFT	CUSTODIAL SERVICES $/SF (3)	SAFETY + EMPLOYEE TRAINING SQFT	SAFETY + EMPLOYEE TRAINING $/SF (4)	UTILITIES SQFT	UTILITIES $/SF (5)	LANDSCAPE AND GROUNDS SQFT	LANDSCAPE AND GROUNDS $/SF (6)	TRAFFIC AND SECURITY SQFT	TRAFFIC AND SECURITY $/SF (8)	GENERAL SERVICES SQFT	GENERAL SERVICES $/SF (9)	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2	4	G	M	CAMPUS AREA ACRES GROSS AREA	INTEN MAINT
3009	151	338	.095	338	.051	291	.586			338	.255	6273	.015		.200			82000	X				250	144
3110	140	1677	.040	681	.110	681	.326	681	.055	1677	.298	1677	.045	1677	.068	1677	.067	407530		X	X	X	206	165
3300	127	500	.150	500	.370	500	.230	500	.020	500	.400	1290	.030	500	.170	500	.250	130000	X				66	30
3310	134	493	.090	493	.424	493	.409			493	.498	493	.120	493	.278	493	.020		X	X	X		20	20
3500	068	270	.074	270	.300	270	.466			270	.507	270	.193	270	.033	270	.156	8400	X				320	100
3657	069	904	.087	904	.240	904	.391	INCL. IN 8		904	.703	904	.129	904	.161			25000		X			700	100
3692	149																	300000	X				663	321
3739	020	1600	.044	1050	.330	1050	.260	1600	.002	1050	.230	1600	.070	1600	.060	1050	.070	102400		X	X	X	450	160
3782	070	1385	.049	653	.244	653	.347	1357	.001	653	.424	9932	.010			1385	.027	10000		X			303	228
3932	136	3100	.050	2290	.507	2150	.555			2290	.463		.053					300000		X	X	X	185	110
4115	117	450	.079	450	.103	450	.445			445	.636	450	.094	450	.181	450	.360		X	X	X		475	70
4147	103	573	.147	573	.282	572	.527			573	.246	572	.112			572	.069	69565		X	X		52	4
4174	060	360	.440	360	.340	360	.330	360	.003	360	.680	360	.380	360	.420	360	.460	48498	X		X		344	25
4214	105	1458	.067	1458	.096	1458	.241			1458	.302	1458	.024		.109		.018	65009			X		181	50
4333	001	2549	.048	1433	.343	1167	.415	2549	.009	1433	.455	2549	.073	2549	.072	1433	.021	178787		X	X		455	264
4380	137	186	.280	186	.560	186	.920			186	.360			186	.790	186	.020	575000	X					
4440	073	329	.133	329	.547	329	.708	329	.046	329	.946	329	.293	329	.264	329	.303	24200	X				137	88
4500	037	510	.078	510	.246	510	.470			510	.470	545	.100			510	.060	10000	X				640	180
4569	039	1325	.197	1160	.172	1089	.366	1325	.019	1278	.658	4950	.016	5898	.036			232950		X	X		192	105
4625	141																	107605		X	X		750	200
4757	106	1135	.100	833	.370	833	.430	INCL. IN 1		833	.590	1135	.160	1135	.160	1135	.100	180664	X		X		874	200
4800	006	682	.093	682	.352	682	.335	682	.011	682	.298	682	.149					91000	X				250	106
5100	016	429	.210	429	.280	429	.910	429	.010	429	.810	429	.380	429	.280	429	.030	26750	X				198	131
5195	142	1866	.047	1866	.166	1866	.491	1866	.017	1866	.428	1866	.077	1866	.069	1866	.053	120688		X			275	110
5300	034	478	.012	478	.333	478	.488			478	.707	478	.201	478	.151					X			900	112
5300	092	933	.100	933	.240	730	.400			730	.400		.140	933	.150	933	.230	35000		X			840	85
5376	033	2006	.067	1154	.219	1154	.306			2006	.401	2006	.056			1154	.037	29640	X	X	X		925	113
5466	023	842	.049	565	.234	550	.265	830	.005			830	.087	830	.093	564	.114			X	X		162	146
5979	107																			X	X		375	135

UNIT COSTS - 6000-10000 F.T.E.

(SQUARE FEET IN THOUSANDS)

FTES	SCH NUM	ADMINI-STRATION SQFT	$/SF (1)	BUILDING MAINTENANCE SQFT	$/SF (2)	CUSTODIAL SERVICES SQFT	$/SF (3)	SAFETY + EMPLOYEE TRAINING SQFT	$/SF (4)	UTILITIES SQFT	$/SF (5)	LANDSCAPE AND GROUNDS SQFT	$/SF (6)	TRAFFIC AND SECURITY SQFT	$/SF (8)	GENERAL SERVICES SQFT	$/SF (9)	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2	4	G	M	CAMPUS AREA ACRES GROSS AREA	INTEN MAINT
6042	130	732	.097	732	.198	732	.300	INCL. IN 1		1150	.440	1150	.100	1150	.078	732	.084	32000		X	X		412	212
6056	155	1182	.067	1182	.046	1182	.021			2327	.191	2327	.023	2327	.039	2327	.072	182392	X	X	X		632	276
6386	132																			X	X		206	126
6500	021	1923	.056	1442	.324	1442	.880			1442	.645	1478	.104	1442	.107	1923	.054	60200			X		71	71
6714	038	1026	.141	1026	.295	946	.386			1026	.310	1026	.216	2197	.055	1026	.057	46353		X	X		320	163
6743	108	752	.080	752	.233	752	.422				.289		.096			INCL.	IN 5		X				130	79
6854	139	1790	.043	1790	.391	1611	.353	1790	.016	1790	.284	1790	.028	1790	.192	1790	.027	175800		X	X		38	16
7014	143	2164	.082	2164	.319	2164	.391			2164	.583	22000	.013			2164	.080	400000			X		1300	500
7804	109	1072	.062	1072	.410	1072	.335	1072	.060	1072	.356	1072	.194			1072	.131	750000		X	X		1908	300
7961	044	1562	.099	1562	.233	1562	.262			1562	.358	1562	.076					139065		X	X	X	96	96
8044	144																	200000		X			277	100
8102	025	1478	.065	1478	.129	1397	.241			1589	.266	1589	.073	1589	.054	1589	.125	189569		X	X		1171	204
8175	031	1504	.166	1504	.410	1504	.452	1504	.014	1504	.828	1504	.134	1504	.160	1504	.720	3363000		X	X		153	60
8206	052	1653	.570	1653	.290	1653	.520			1653	.730	1653	.080	1653	.280	1653	.440		X					
8226	096	2147	.046	2147	.046	2130	.235	2144	.013	2147	.277	2147	.085	2144	.087	2146	.044	589000		X			901	200
8445	045	7647	.019	6481	.395	4554	.339			7647	.477	6400	.039			6414	.039	300000		X	X	X	175	75
8546	022	3126	.029	2172	.220	2172	.250			3126	.184	3823	.047			2172	.042	280000		X	X		635	95
8547	017	1263	.100	1263	.230	1263	.320			1263	.260	1263	.050	1263	.050	1263	.140	1615674		X			707	201
8763	015	2542	.093	2542	.171	2542	.176	2542	.016	2542	.212	2542	.043	2542	.025	2542	.004	783669		X	X		376	281
8830	145	1651	.112	1651	.270	1651	.360	1651	.014	1651	.430	1651	.210	1651	.100	1651	.050	240724	X	X	X		3130	400
8877	125	1089	.036	1089	.436	1089	.430			1089	.946	1089	.168	1089	.138			7344		X			316	316
9090	072	1236	.059	1236	.197	1236	.288			1236	.386	933	.097	1236	.142	1236	.095	96414		X	X		72	22
9100	110	526	.100	526	.680	421	.335	526	.002	526	.350	526	.080	526	.150	526	.060		X				28	28
9248	054	987	.109	987	.352	987	.620	987	.018	987	.428	687	.128					250361		X	X		129	115
9261	158			819	.680	810	.250			819	.600					819	.060	62146		X	X		300	208
9278	041	2620	.040	1473	.220	1473	.320	1473	.010	1473	.310	2620	.080			1473	.030	148098		X	X		171	171
9297	129	1200	.100	1200	.250	1200	.260		.025	1200	.819	2861	.034		.075		.100			X			188	100
9423	122	1264	.153	1264	.222	1264	.585	1264	.035	1264	.622	1264	.408	1264	.355	1264	.067	730248		X			2686	889
9428	058	1610	.059	1610	.174	1610	.216	1871	.018	1871	.266	3785	.066	1871	.111	1871	.055	293045	X	X	X		3500	160
9500	036	1469	.103	1292	.289	1122	.220			1122	.225	1469	.106	1469	.141	1122	.017	80000		X	X		268	138
9597	131	1468	.177	1072	.161	1017	.717	1468	.014	1128	.618	4225	.024	146	.322			387102		X	X	X	97	
9930	074	2796	.230	2717	.340	2660	.420	INCL. IN 8		2717	.410	2796	.090	2796	.110	2796	.170	400000		X	X	X	423	196

UNIT COSTS 10000-16000 F.T.E.

(SQUARE FEET IN THOUSANDS)

FTES	SCH NUM	ADMINISTRATION SQFT	$/SF (1)	BUILDING MAINTENANCE SQFT	$/SF (2)	CUSTODIAL SERVICES SQFT	$/SF (3)	SAFETY + EMPLOYEE TRAINING SQFT	$/SF (4)	UTILITIES SQFT	$/SF (5)	LANDSCAPE AND GROUNDS SQFT	$/SF (6)	TRAFFIC AND SECURITY SQFT	$/SF (8)	GENERAL SERVICES SQFT	$/SF (9)	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2	4	G	M	CAMPUS AREA ACRES GROSS AREA	INTEN MAINT
10056	012	3056	.080	3056	.160	3056	.300	3056	.010	3056	.330	3056	.100	3056	.100	3056	.050	75101		X	X		596	60
11200	075	3950	.180	3950	.070	3950	.270	INCL. IN 8		3950	.190	3950	.090	3950	.100	3950	.150	1146000		X			356	356
11390	159	2876	.002	2876	.158	2876	.453	4092	.012	2876	.467	4092	.012	4092	.012	2875	.012		X	X	X		566	235
11500	059	3654	.091	3654	.190	3654	.293			3654	.407	3654	.104	3654	.020	3654	.010	102132		X	X	X	8500	150
11555	008	1078	.070	1078	.310	1078	.290	INCL. IN 8		1078	.350	1078	.170	1078	.090	1078	.010	12862		X	X		292	247
11931	146	3760	.196	3760	.225	2407	.435	3760	.086	3760	.348	3760	.094	INCL. IN 4				53000		X	X		1000	287
12067	049	3369	.089	3369	.221	3369	.364			3369	.574					3369	.024	152256		X	X		574	356
12245	104	3600	.040	3140	.230	3140	.420	3140	.020	3140	.380	3350	.060	3600	.060	3600	.090	400000		X		X	600	300
12274	011	2285	.063	2285	.286	2285	.326			2285	.599	2285	.162			2285	.016	155396		X	X		840	43
12379	083	2173	.095	2173	.340	2173	.380	3975	.012	2173	.420	12502	.020	3975	.070	3975	.053	1339800		X	X		414	289
13588	085	1057	.066	1057	.629	1024	.600			1057	.450		.040	1057	.220			26500	X	X	X		64	56
13663	087	2205	.022	2205	.332	2041	.438			2205	.636	2205	.094					106724		X			2315	467
13800	119	1333	.137	1333	.388	1333	.493	INCL. IN 8		1333	.413	1333	.189	1333	.263	INCL. IN 6		279249		X	X		1338	286
14500	056	6450	.053	4079	.364	3230	.295	6450	.017	5692	.213	5781	.056	6450	.035	5781	.013	895680		X	X		1678	592
14962	112	2329	.087	2329	.428	2329	.279			4550	.193	2329	.130	4550	.059	4550	.071	207600		X	X		2113	650
15014	050	7388	.028	4806	.290	4126	.250	7388	.005	7388	.332	7338	.041	7338	.030	7338	.012	116500		X	X		512	350
15075	156	4666	.048	2795	.229	2698	.174			3048	.380	4089	.042	4666	.056			104000		X	X	X	340	180
15211	118	1828	.053	1828	.477					1828	.499	1828	.073			1828	.018			X	X		1255	495
15372	093	4247	.030	2218	.394	2218	.167	4247	.010	2218	.194	4247	.059	4247	.042	2218	.021	165276		X	X		1871	390
15453	120	1360	.090	1360	.410	1360	.460			1360	.580	2385	.060	1360	.200	1360	.080		X	X	X		55	55
15545	035	4755	.068	4755	.346	3186	.386	4755	.065	4755	.181	4755	.135	4755	.091	4745	.060	145000		X	X	X	3776	856
15659	010	4497	.171	3259	.222	3259	.400	3259	.006	3259	.307	3259	.058	3259	.035	4497	.034	246000	X	X	X	X	1020	204
15795	009	3552	.078	3552	.155	3095	.286	3552	.005	3552	.244	3552	.039	3552	.054	3552	.031	105287		X	X		414	111
15849	026	6771	.051	4229	.195	4229	.329			4229	.378	6771	.086	6771	.093	4229	.067	502550		X	X		1435	604

UNIT COSTS - 16000-22000 F.T.E.

(SQUARE FEET IN THOUSANDS)

FTES	SCH NUM	ADMINISTRATION SQFT	$/SF (1)	BUILDING MAINTENANCE SQFT	$/SF (2)	CUSTODIAL SERVICES SQFT	$/SF (3)	SAFETY + EMPLOYEE TRAINING SQFT	$/SF (4)	UTILITIES SQFT	$/SF (5)	LANDSCAPE AND GROUNDS SQFT	$/SF (6)	TRAFFIC AND SECURITY SQFT	$/SF (8)	GENERAL SERVICES SQFT	$/SF (9)	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2	4	G	M	CAMPUS AREA ACRES GROSS AREA	INTEN MAINT
16656	007	3336	.092	3336	.188	3336	.296	INCL. IN 2		3336	.255	3336	.092	3336	.082			103733		X	X		2862	421
16951	154																			X			488	326
17500	040	2909	.043	2909	.442	2909	.384			2909	.447	2909	.104					300000	X	X	X		720	430
17646	148	4448	.080	4448	.240	4448	.300			4448	.250									X	X	X	600	85
17679	114	5654	.039	5654	.188	2662	.456	5654	.013	5654	.329	5654	.095	5654	.061	5654	.040	266060	X	X	X		842	340
17722	055			1814	.351	1814	.337			1814	.363							818725		X	X	X	926	325
17738	057	5156	.080	5156	.201	5156	.474	5156	.005	5156	.400	5156	.064	5156	.054	5156	.074	1000000		X	X		190	76
18193	029	1611	.260	1611	.290	1611	.470			1611	.550	1611	.240	1611	.260			108650		X	X	X	1660	960
18975	111	4225	.099	3000	.247	3000	.401			3000	.448	1225	.119							X	X		257	97
19000	042	2963	.144	2963	.398	2963	.390	2963	.012	2963	.840	2963	.073	2963	.317			193217		X	X		115	92
19616	115	2672	.073	2672	.382	2672	.435	4853	.009	2672	.550	4853	.135	4853	.139	2672	.079	494173		X	X		1339	373
19982	013	3509	.051	3509	.188	2763	.310	3509	.007	3509	.274	3509	.055			3509	.048	39166		X	X	X	303	209
20000	043	3375	.148	3375	.310	3375	.498			3375	.413	3375	.081	3375	.108	3375	.084	27492	X	X	X	X	148	148
20349	128	3382	.034	3382	.358	3382	.366	3382	.004	3382	.526					INCL.	IN 6	136097	X	X	X	X	2859	865
20560	046	4013	.070	4013	.260	2400	.750	4013	.020	3506	.320	4013	.080	3644	.170	4013	.130	2650000		X		X	1700	700
21930	051	8232	.009	8232	.304	6638	.403			8232	.307	8232	.149			8232	.001	227940		X	X		1282	566

UNIT COSTS - 22000+ F.T.E.

(SQUARE FEET IN THOUSANDS)

FTES	SCH NUM	ADMINI-STRATION		BUILDING MAINTENANCE		CUSTODIAL SERVICES		SAFETY + EMPLOYEE TRAINING		UTILITIES		LANDSCAPE AND GROUNDS		TRAFFIC AND SECURITY		GENERAL SERVICES		MAJOR REPAIRS	LEVEL OF ACADEMIC PROGRAM				CAMPUS AREA ACRES	
		SQFT	$/SF (1)	SQFT	$/SF (2)	SQFT	$/SF (3)	SQFT	$/SF (4)	SQFT	$/SF (5)	SQFT	$/SF (6)	SQFT	$/SF (8)	SQFT	$/SF (9)	DOLLARS (7)	2	4	G	M	GROSS AREA	INTEN MAINT
22051	065	3230	.040	3484	.293	3230	.324	3664	.200	3664	.450	3664	.097	3664	.106					X	X		350	175
22101	077	6408	.108	3892	.381	3924	.460	3892	.010	6156	.602	6296	.009	6366	.148	3892	.033	796011		X	X	X	1200	290
24585	076	4620	.057	4620	.383	4620	.589	INCL. IN 8		4620	.825	4620	.077	4620	.158	4620	.146	470357		X	X	X	175	80
24935	100	3596	.073	3596	.343	3596	.453	7625	.009	3596	.481	7625	.138	7625	.082	7625	.026	47072		X	X	X	1750	1166
24942	071	10994	.105	6436	.160	5493	.420			10994	.291	17424	.026					1500000	X	X	X	X	4936	400
26119	147	7159	.258	7089	.329	5990	.460	7159	.047	7089	.601	7089	.070	7159	.125	7159	.035	1992000		X	X	X	128	68
26260	153	5476	.088	3742	.189	3742	.286	5476	.005	5476	.175	10934	.026	17947	.018	5476	.022	549359		X	X		590	251
27507	113	12364	.043	5780	.204	5780	.312	11148	.033	11148	.329	5780	.071	11148	.052	5780	.053	198907	X	X			900	600
29000	004	7436	.092	6455	.388	4129	.506			7436	.641	7109	.095			7436	.076	1028000		X	X		1350	700
29661	079	6806	.050	6806	.240	6806	.326			6806	.460	6806	.114			6806	.028	268042		X	X	X	303	211
30106	078	11875	.025	6699	.177	5890	.312			11834	.348	11875	.044			11875	.057	269792		X	X	X	1935	1000
31140	081	8141	.043	8141	.380	8141	.354	8141	.072	8141	.480	8141	.081	8141	.113	8141	.038			X	X		655	655
34000	086	11275	.065	10247	.217	9072	.434	11272	.014	10247	.460			11275	.867	11275	.372	1500000		X	X	X	2903	313
34500	152	10855	.051	7444	.358	7019	.329	10855	.007	9180	.265	10855	.042	10855	.084	10855	.019			X	X	X	630	280
34620	121	8242	.053	8242	.370	8003	.403			12532	.450							1424302	X	X	X	X	2540	704
40008	082	7722	.037	7766	.302	7038	.303			13389	.332	15482	.079	15482	.059			464050	X	X	X	X	5208	1300
41220	161	8992	.036	8992	.432	8992	.340			8992	.380	8992	.044			8992	.027	1108024		X	X	X	1054	435

UNIT COSTS BY TOP LEVEL OF ACADEMIC PROGRAM - 2 YEAR

(SQUARE FEET IN THOUSANDS)

FTES	SCH NUM	ADMINISTRATION SQFT	ADMINISTRATION $/SF (1)	BUILDING MAINTENANCE SQFT	BUILDING MAINTENANCE $/SF (2)	CUSTODIAL SERVICES SQFT	CUSTODIAL SERVICES $/SF (3)	SAFETY + EMPLOYEE TRAINING SQFT	SAFETY + EMPLOYEE TRAINING $/SF (4)	UTILITIES SQFT	UTILITIES $/SF (5)	LANDSCAPE AND GROUNDS SQFT	LANDSCAPE AND GROUNDS $/SF (6)	TRAFFIC AND SECURITY SQFT	TRAFFIC AND SECURITY $/SF (8)	GENERAL SERVICES SQFT	GENERAL SERVICES $/SF (9)	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2	LEVEL OF ACADEMIC PROGRAM 4	LEVEL OF ACADEMIC PROGRAM G	LEVEL OF ACADEMIC PROGRAM M	CAMPUS AREA ACRES GROSS AREA	CAMPUS AREA ACRES INTEN MAINT
350	066																		X				70	50
980	019	115	.206	115	.305	984	.571	INCL. IN 8		115	.752	115	.245	115	.336	INCL. IN 1		13362	X				217	35
1200	028	189	.150	189	.470	189	.310			189	.320	189	.170	189	.040				X				73	42
1625	126		.200		.080		.480		.010		.650		.010		.020		.050		X				95	83
2131	062	25	.085	70	.235	140	.467	2	.008	120	.401	37	.124	19	.062	25	.084	10413	X				555	70
2402	064	293	.006	294	.176	294	.666			294	.342	294	.054	294	.034	294	.020	40236	X				110	27
3009	151	338	.095	338	.051	291	.586			338	.255	6273	.015		.200			82000	X				250	144
3300	127	500	.150	500	.370	500	.230	500	.020	500	.400	1290	.030	500	.170	500	.250	130000	X				66	30
3500	068	270	.074	270	.300	270	.466			270	.507	270	.193	270	.033	270	.156	8400	X				320	100
3692	149																	300000	X				663	321
4380	137	186	.280	186	.560	186	.920			186	.360			186	.790	186	.020	575000	X					
4440	073	329	.133	329	.547	329	.708	329	.046	329	.946	329	.293	329	.264	329	.303	24200	X				137	88
4500	037	510	.078	510	.246	510	.470			510	.470	545	.100			510	.060	10000	X				640	180
4800	006	682	.093	682	.352	682	.335	682	.011	682	.298	682	.149					91000	X				250	106
5100	016	429	.210	429	.280	429	.910	429	.010	429	.810	429	.380	429	.280	429	.030	26750	X				198	131
6743	108	752	.080	752	.233	752	.422				.289		.096			INCL. IN 5			X				130	79
8206	052	1653	.570	1653	.290	1653	.520			1653	.730	1653	.080	1653	.280	1653	.440		X					
9100	110	526	.100	526	.680	421	.335	526	.002	526	.350	526	.080	526	.150	526	.060		X				28	28

UNIT COSTS BY TOP LEVEL OF ACADEMIC PROGRAM - 4 YEAR

(SQUARE FEET IN THOUSANDS)

FTES	SCH NUM	ADMINISTRATION SQFT	ADMINISTRATION $/SF (1)	BUILDING MAINTENANCE SQFT	BUILDING MAINTENANCE $/SF (2)	CUSTODIAL SERVICES SQFT	CUSTODIAL SERVICES $/SF (3)	SAFETY + EMPLOYEE TRAINING SQFT	SAFETY + EMPLOYEE TRAINING $/SF (4)	UTILITIES SQFT	UTILITIES $/SF (5)	LANDSCAPE AND GROUNDS SQFT	LANDSCAPE AND GROUNDS $/SF (6)	TRAFFIC AND SECURITY SQFT	TRAFFIC AND SECURITY $/SF (8)	GENERAL SERVICES SQFT	GENERAL SERVICES $/SF (9)	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2	4	G	M	CAMPUS AREA ACRES GROSS AREA	CAMPUS AREA ACRES INTEN MAINT
426	097	266	.060	310	.100	128	.280			211	.310	2178	.010	300	.010					X				120	50
596	089																			X				100	100
725	090																			X				214	100
750	098																	80000		X				8	8
958	099	208	.077	208	.261	208	.241			208	.394	208	.104	208	.096	208	.008			X				280	150
1150	032	691	.060	291	.366	291	.394			691	.403	691	.065	691	.079	691	.072			X				650	40
1193	084	1294	.046	642	.256	585	.338	INCL.	IN 8	607	.303	1294	.132	1294	.059	INCL.	IN 6	99000		X				325	200
1200	053	500	.100	500	.030	500	.040	500	.600	500	.300	500	.080	INCL.	IN 4	500	.030	1000000		X				120	100
1238	095	333	.064	150	.247	150	.147	INCL.	IN 8	150	.297			333	.124	INCL.	IN 6	9485		X				200	50
1306	030	534	.145	534	.227	453	.472	INCL.	IN 8	534	.470	INCL.	IN 2	534	.090	INCL.	IN 2	257360		X				451	35
1376	116	343	.150	343	.330	343	.480	343	.050	343	.420	343	.130	343	.160	343	.060	107000		X				125	22
1467	061			580	.133	580	.151	580	.002	580	.321	1168	.027	580	.063			200000		X				40	40
1543	124	231	.079	231	.149	231	.263	231	.003	231	.255	231	.056	231	.014	231	.053			X				18	14
1550	123	836	.058	836	.173	836	.306	836	.001	836	.260	836	.140	836	.039	836	.102	22000		X				800	200
2066	094	313	.077	313	.248	313	.415			313	.328	313	.152	313	.216	313	.058			X				654	110
2275	048	427	.079	427	.085	427	.151	427	.001	427	.309	427	.065	427	.061	427	.053	29168		X				475	145
3657	069	904	.087	904	.240	904	.391	INCL.	IN 8	904	.703	904	.129	904	.161			25000		X				700	100
3782	070	1385	.049	653	.244	653	.347	1357	.001	653	.424	9932	.010			1385	.027	10000		X				303	228
5195	142	1866	.047	1866	.166	1866	.491	1866	.017	1866	.428	1866	.077	1866	.069	1866	.053	120688		X				275	110
5300	034	478	.012	478	.333	478	.488			478	.707	478	.201	478	.151					X				900	112
5300	092	933	.100	933	.240	730	.400			730	.400		.140	933	.150	933	.230	35000		X				840	85
8044	144																	200000		X				277	100
8226	096	2147	.046	2147	.046	2130	.235	2144	.013	2147	.277	2147	.085	2144	.087	2146	.044	589000		X				901	260
8547	017	1263	.100	1263	.230	1263	.320			1263	.260	1263	.050	1263	.050	1263	.140	1615674		X				707	201
8877	125	1089	.036	1089	.436	1089	.430			1089	.946	1089	.168	1089	.138			7344		X				316	316
9297	129	1200	.100	1200	.250	1200	.260		.025	1200	.819	2861	.034		.075		.100			X				188	100
9423	122	1264	.153	1264	.222	1264	.585	1264	.035	1264	.622	1264	.408	1264	.356	1264	.067	730248		X				2686	889
11200	075	3950	.180	3950	.070	3950	.270	INCL.	IN 8	3950	.190	3950	.090	3950	.100	3950	.150	1146000		X				356	356
13663	087	2205	.022	2205	.332	2041	.438			2205	.636	2205	.094					106724		X				2315	467
16951	154																			X				488	326
27507	113	12364	.043	5780	.204	5780	.312	11148	.033	11148	.329	5780	.071	11148	.052	5780	.053	198907	X	X				900	600

UNIT COSTS BY TOP LEVEL OF ACADEMIC PROGRAM - GRADUATE

(SQUARE FEET IN THOUSANDS)

FTES	SCH NUM	ADMINISTRATION SQFT	$/SF (1)	BUILDING MAINTENANCE SQFT	$/SF (2)	CUSTODIAL SERVICES SQFT	$/SF (3)	SAFETY + EMPLOYEE TRAINING SQFT	$/SF (4)	UTILITIES SQFT	$/SF (5)	LANDSCAPE AND GROUNDS SQFT	$/SF (6)	TRAFFIC AND SECURITY SQFT	$/SF (8)	GENERAL SERVICES SQFT	$/SF (9)	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2	4	G	M	CAMPUS AREA ACRES GROSS AREA	INTEN MAINT
785	135	468	.208	468	.288	468	.534	468	.066	468	1.11	468	.097	468	.233	468	.073	120600		X	X		100	35
1024	003	222	.081	222	.200	222	.248			222	.270	222	.126	222	.112	222	.044			X	X		70	60
1200	047			500	.260	500	.400			500	.680			500	.160			3500		X	X			
1200	091	619	.040	619	.250	566	.275	INCL.	IN 8	566	.280	619	.065	566	.125	INCL.	IN 6	163000		X	X		43	25
1515	002	1708	.186	1708	.167	1708	.314			1708	.828	1708	.103			1708	.104	1180000		X	X		78	78
2267	063	761	.210	486	.290	486	.420	INCL.	IN 8	486	.490	761	.110	761	.050	761	.170			X	X		1378	92
2293	138	430	.083	430	.554	389	.446	400	.005	430	.553	430	.101	430	.070	430	.053	20000		X	X		315	250
2303	014	610	.054	394	.173	394	.233			394	.284			610	.039	394	.048	22335		X	X		52	45
2480	150	1163	.068	1163	.177	1163	.288			1163	.262	1786	.052	1163	.047				X	X	X		198	41
2601	102	338	.056	338	.168	332	.145			338	.216	1829	.090	2657	.090	338	.078	472134		X	X		61	42
2627	067	921	.042	495	.309	495	.362			625	.235	531	.106	922	.032					X	X		90	45
2629	005	1574	.060	1574	.720	1010	.990	1574	.060	1478	.930	1783	.190	1574	.130	1574	.110			X	X	X	335	41
2741	024	745	.052	745	.228	745	.262	745	.013	745	.222	745	.047	745	.062			300000			X		83	69
3310	134	493	.090	493	.424	493	.409			493	.498	493	.120	493	.278	493	.220			X	X	X	20	20
4115	117	450	.079	450	.103	450	.445			445	.636	450	.094	450	.181	450	.360			X	X	X	475	70
4147	103	573	.147	573	.282	572	.527			573	.246	572	.112			572	.069	69565			X	X	52	4
4174	060	360	.440	360	.340	360	.330	360	.003	360	.680	360	.380	360	.420	360	.460	48498	X			X	344	25
4214	105	1458	.067	1458	.096	1458	.241			1458	.302	1458	.024		.109		.018	65009				X	181	50
4333	001	2549	.048	1433	.343	1167	.415	2549	.009	1433	.455	2549	.073	2549	.072	1433	.021	178787		X	X		455	264
4569	039	1325	.197	1160	.172	1089	.366	1325	.019	1278	.658	4950	.016	5898	.036			232950		X	X		192	105
4625	141																	107605		X	X		750	200
4757	106	1135	.100	833	.370	833	.430	INCL.	IN 1	833	.590	1135	.160	1135	.160	1135	.100	180664	X			X	874	200
5376	033	2006	.067	1154	.219	1154	.306			2006	.401	2006	.056			1154	.037	29640	X	X	X		925	113
5466	023	842	.049	565	.234	550	.265	830	.005			830	.087	830	.093	564	.114				X	X	162	146
5979	107																				X	X	375	135
6042	130	732	.097	732	.198	732	.300	INCL.	IN 1	1150	.440	1150	.100	1150	.078	732	.084	32000			X	X	412	212
6056	155	1182	.067	1182	.046	1182	.021			2327	.191	2327	.023	2327	.039	2327	.072	182392	X	X	X		632	276
6386	132																				X	X	206	126
6500	021	1923	.056	1442	.324	1442	.880			1442	.645	1478	.104	1442	.107	1923	.054	60200				X	71	71
6714	038	1026	.141	1026	.295	946	.386			1026	.310	1026	.216	2197	.055	1026	.057	46353			X	X	320	163
6854	139	1790	.043	1790	.391	1611	.353	1790	.016	1790	.284	1790	.028	1790	.192	1790	.027	175800			X	X	38	16
7014	143	2164	.082	2164	.319	2164	.391			2164	.583	22000	.013			2164	.080	400000				X	1300	500
7804	109	1072	.062	1072	.410	1072	.335	1072	.060	1072	.356	1072	.194			1072	.131	750000			X	X	1908	300
8102	025	1478	.065	1478	.129	1397	.241			1589	.266	1589	.073	1589	.054	1589	.125	189569			X	X	1171	204
8175	031	1504	.166	1504	.410	1504	.452	1504	.014	1504	.828	1504	.134	1504	.160	1504	.720	3363000			X	X	153	60
8546	022	3126	.029	2172	.220	2172	.250			3126	.184	3823	.047			2172	.042	280000			X	X	635	95
8763	015	2542	.093	2542	.171	2542	.176	2542	.016	2542	.212	2542	.043	2542	.025	2542	.004	783669			X	X	376	281
8830	145	1651	.112	1651	.270	1651	.360	1651	.014	1651	.430	1651	.210	1651	.100	1651	.050	240724	X	X	X		3130	400
9090	072	1236	.059	1236	.197	1236	.288			1236	.386	933	.097	1236	.142	1236	.095	96414			X	X	72	22
9248	054	987	.109	987	.352	987	.620	987	.018	987	.428	687	.128					250361			X	X	129	113
9261	158			819	.680	810	.250			819	.600					819	.060	62146			X	X	300	208
9278	041	2620	.040	1473	.220	1473	.320	1473	.010	1473	.310	2620	.080			1473	.030	148098			X	X	171	171
9428	058	1610	.059	1610	.174	1610	.216	1871	.018	1871	.266	3785	.066	1871	.111	1871	.055	293045	X	X	X		3500	160
9500	036	1469	.103	1292	.289	1122	.220			1122	.225	1469	.106	1469	.141	1122	.017	80000			X	X	268	138
10056	012	3056	.080	3056	.160	3056	.300	3056	.010	3056	.330	3056	.100	3056	.100	3056	.050	75101			X	X	596	60
11390	159	2876	.002	2876	.158	2876	.453	4092	.012	2876	.467	4092	.012	4092	.012	2875	.012			X	X	X	566	235
11555	008	1078	.070	1078	.310	1078	.290	INCL.	IN 6	1078	.350	1078	.170	1078	.090	1078	.010	12862			X	X	292	247
11931	146	3760	.196	3760	.225	2407	.435	3760	.086	3760	.348	3760	.094	INCL.	IN 4			53000			X	X	1000	287

UNIT COSTS BY TOP LEVEL OF ACADEMIC PROGRAM - GRADUATE

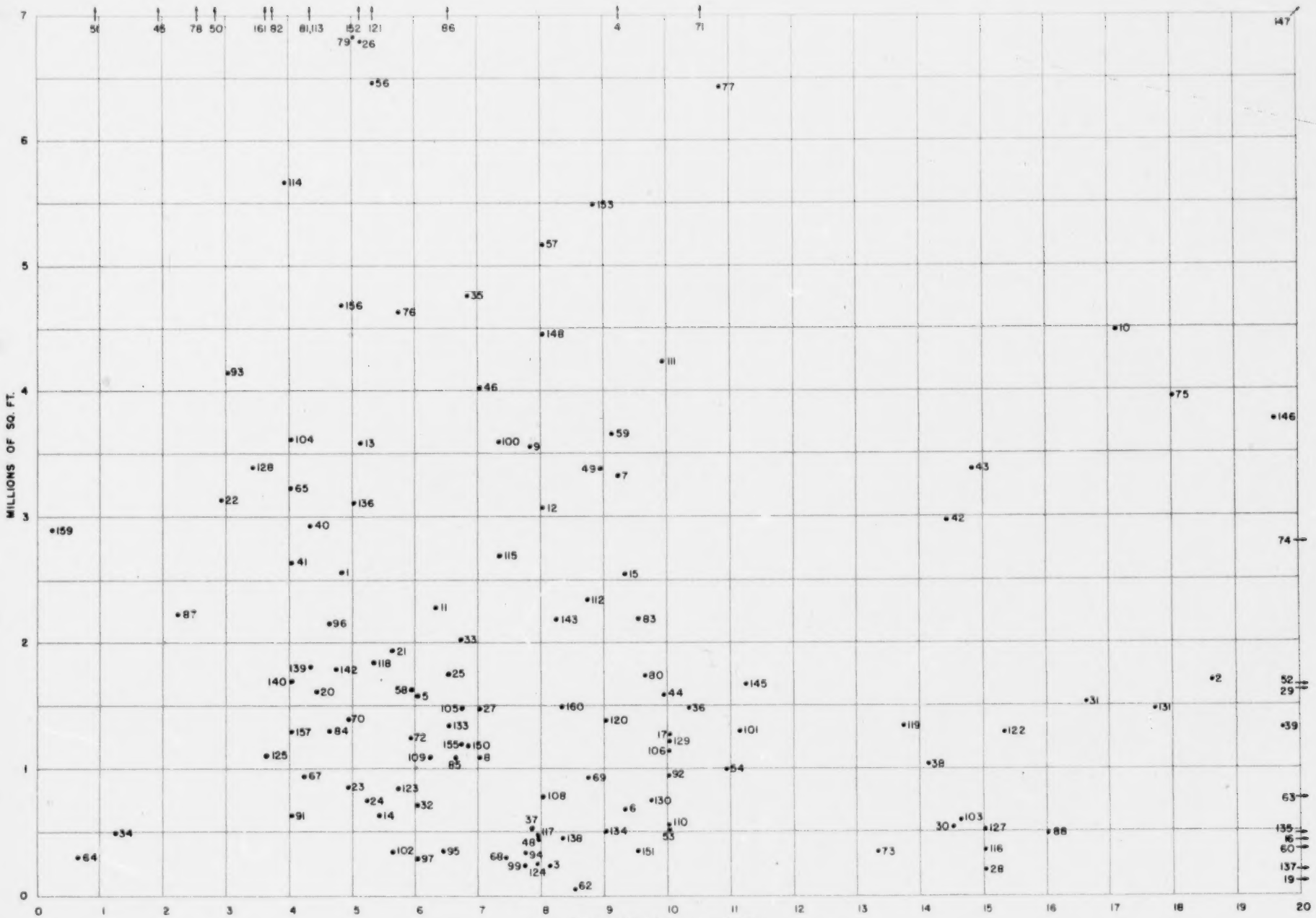
(SQUARE FEET IN THOUSANDS)

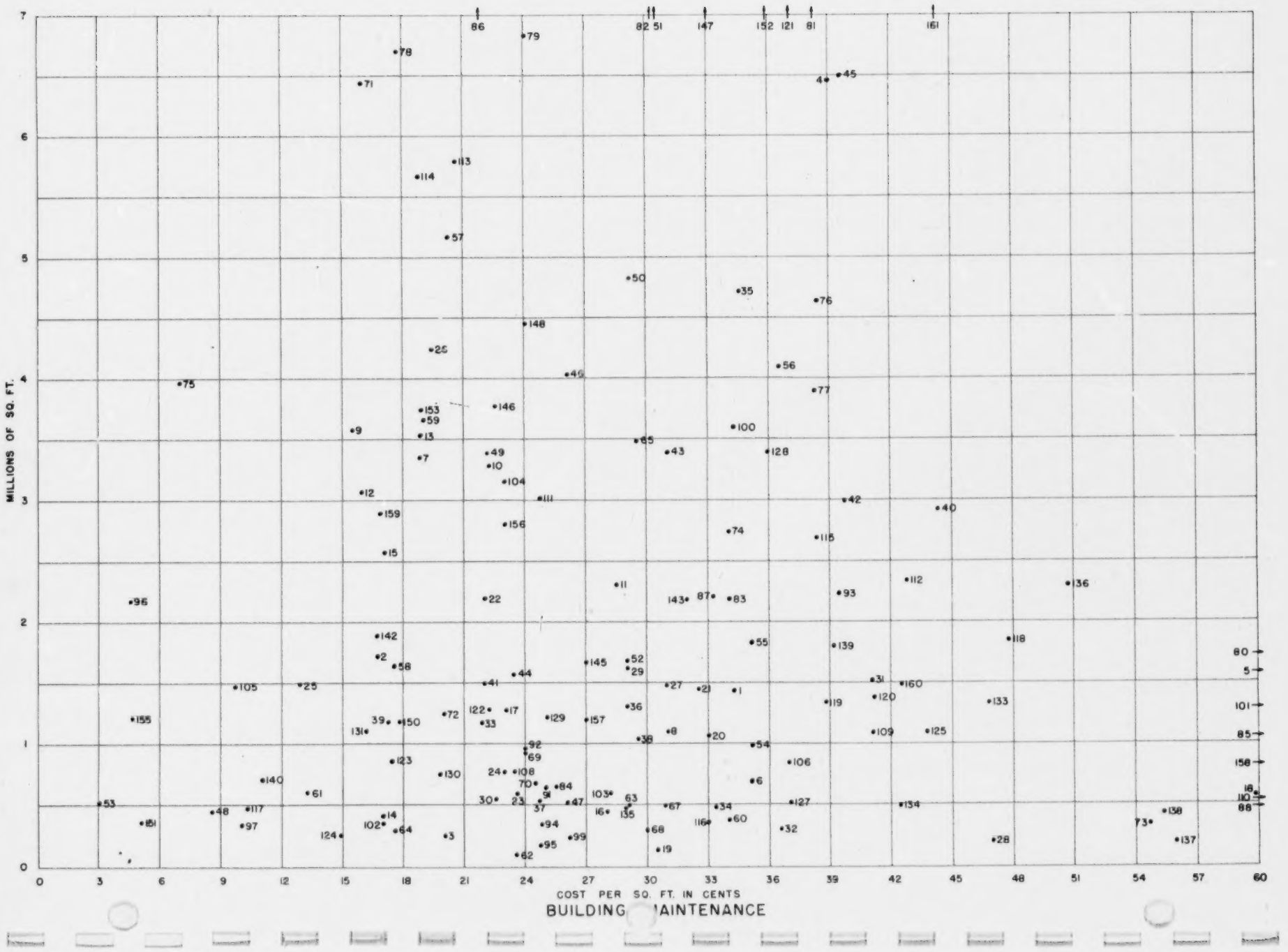
FTES	SCH NUM	ADMINI-STRATION SQFT	$/SF (1)	BUILDING MAINTENANCE SQFT	$/SF (2)	CUSTODIAL SERVICES SQFT	$/SF (3)	SAFETY + EMPLOYEE TRAINING SQFT	$/SF (4)	UTILITIES SQFT	$/SF (5)	LANDSCAPE AND GROUNDS SQFT	$/SF (6)	TRAFFIC AND SECURITY SQFT	$/SF (8)	GENERAL SERVICES SQFT	$/SF (9)	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2	4	G	M	CAMPUS AREA ACRES GROSS AREA	INTEN MAINT
12067	049	3369	.089	3369	.221	3369	.364			3369	.574					3369	.024	152256		X	X		574	356
12274	011	2285	.063	2285	.286	2285	.326			2285	.599	2285	.162			2285	.016	155396		X	X		840	43
12379	083	2173	.095	2173	.340	2173	.380	3975	.012	2173	.420	12502	.020	3975	.070	3975	.053	1339800		X	X		414	289
13588	085	1057	.066	1057	.629	1024	.600			1057	.450		.040	1057	.220			26500	X	X	X		64	56
13800	119	1333	.137	1333	.388	1333	.493	INCL.	IN 8	1333	.413	1333	.189	1333	.263	INCL.	IN 6	279249		X	X		1338	286
14500	056	6450	.053	4079	.364	3230	.295	6450	.017	5692	.213	5781	.056	6450	.035	5781	.013	895680		X	X		1678	592
14962	112	2329	.087	2329	.428	2329	.279			4550	.193	2329	.130	4550	.059	4550	.071	207600		X	X		2113	650
15014	050	7388	.028	4806	.290	4126	.250	7388	.005	7388	.332	7338	.041	7338	.030	7338	.012	116500		X	X		512	350
15211	118	1828	.053	1828	.477					1828	.499	1828	.073			1828	.018			X	X		1255	495
15372	093	4247	.030	2218	.394	2218	.167	4247	.010	2218	.194	4247	.059	4247	.042	2218	.021	165276		X	X		1871	390
15453	120	1360	.090	1360	.410	1360	.460			1360	.580	2385	.060	1360	.200	1360	.080		X	X	X		55	55
15795	009	3552	.078	3552	.155	3095	.286	3552	.005	3552	.244	3552	.039	3552	.054	3552	.031	105287		X	X		414	111
15849	026	6771	.051	4229	.195	4229	.329			4229	.378	6771	.086	6771	.093	4229	.067	502550		X	X		1435	604
16656	007	3336	.092	3336	.188	3336	.296	INCL.	IN 2	3336	.255	3336	.092	3336	.082			103733		X	X		2862	421
17500	040	2909	.043	2909	.442	2909	.384			2909	.447	2909	.104					300000	X	X	X		720	430
17679	114	5654	.039	5654	.188	2662	.456	5654	.013	5654	.329	5654	.095	5654	.061	5654	.040	266060	X	X	X		842	340
17738	057	5156	.080	5156	.201	5156	.474	5156	.005	5156	.400	5156	.064	5156	.054	5156	.074	1000000		X	X		190	76
18975	111	4225	.099	3000	.247	3000	.401			3000	.448	1225	.119							X	X		257	97
19000	042	2963	.144	2963	.398	2963	.390	2963	.012	2963	.840	2963	.073	2963	.317			193217		X	X		115	92
19616	115	2672	.073	2672	.382	2672	.435	4853	.009	2672	.550	4853	.135	4853	.139	2672	.079	494173		X	X		1339	373
21930	051	8232	.009	8232	.304	6638	.403			8232	.307	8232	.149			8232	.001	227940		X	X		1282	566
22051	065	3230	.040	3484	.293	3230	.324	3664	.200	3664	.450	3664	.097	3664	.106					X	X		350	175
26260	153	5476	.088	3742	.189	3742	.286	5476	.005	5476	.175	10934	.026	17947	.018	5476	.022	549359		X	X		590	251
29000	004	7436	.092	6455	.388	4129	.506			7436	.641	7109	.095			7436	.076	1028000		X	X		1350	700
31140	081	8141	.043	8141	.380	8141	.354	8141	.072	8141	.480	8141	.081	8141	.113	8141	.038			X	X		655	655

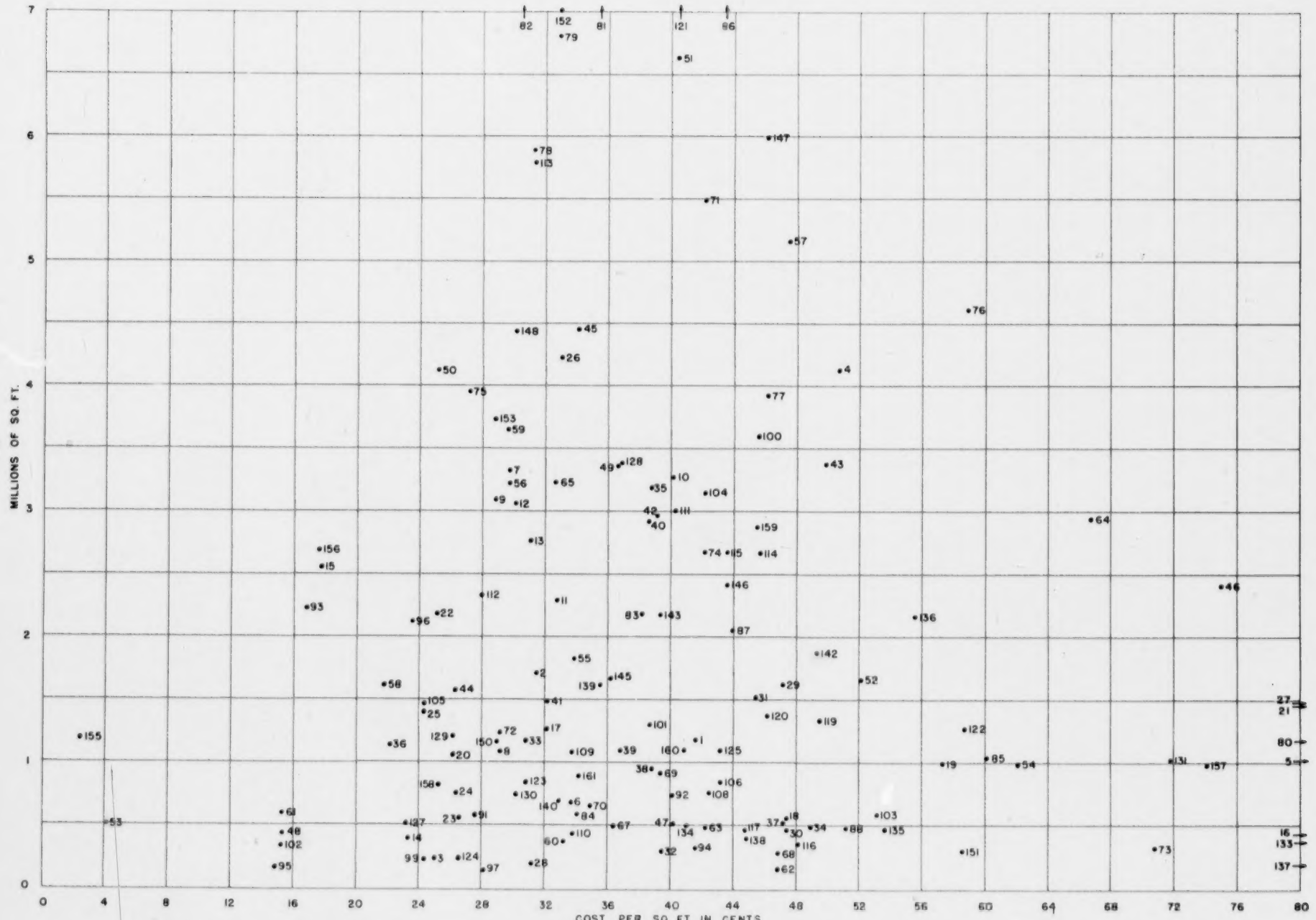
UNIT COSTS BY TOP LEVEL OF ACADEMIC PROGRAM - MEDICAL

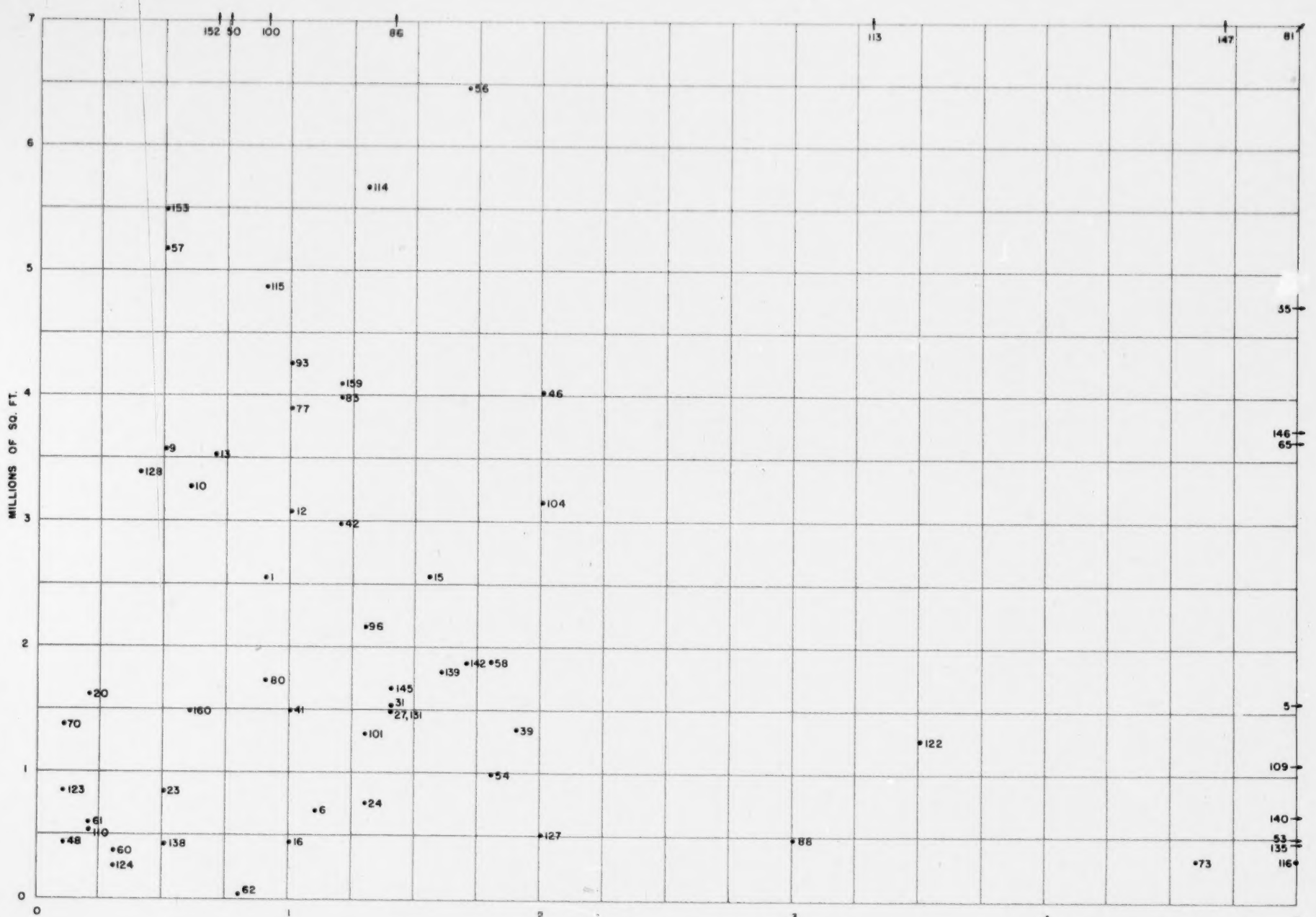
(SQUARE FEET IN THOUSANDS)

FTES	SCH NUM	ADMINISTRATION SQFT	$/SF (1)	BUILDING MAINTENANCE SQFT	$/SF (2)	CUSTODIAL SERVICES SQFT	$/SF (3)	SAFETY + EMPLOYEE TRAINING SQFT	$/SF (4)	UTILITIES SQFT	$/SF (5)	LANDSCAPE AND GROUNDS SQFT	$/SF (6)	TRAFFIC AND SECURITY SQFT	$/SF (8)	GENERAL SERVICES SQFT	$/SF (9)	MAJOR REPAIRS DOLLARS (7)	LEVEL OF ACADEMIC PROGRAM 2	4	6	M	CAMPUS AREA ACRES GROSS AREA	INTEN MAINT
470	018			567	.599	543	.473			556		567	.086	567	.456	567	.169	2111790				X	58	35
590	133	1317	.065	1317	.467	377	1.09			1317	.843	1317	.039	1317	.125	1317	.027	2000000			X	X	20	20
591	088	474	.160	474	.610	474	.510	474	.030	474	.890			474	.160	474	.040	169022		X	X	X	5	5
1106	027	1474	.070	1474	.310	1474	.945	1474	.014	1474	.444	1474	.036	1474	.143	1474	.327	516263		X	X	X	177	36
1200	080	1715	.096	1715	.997	1174	.914	1715	.009	1715	.633	1715	.017	1715	.341			1333596		X	X	X	10	10
1415	157	1276	.040	1185	.270	977	.740			1277	.390	1185	.060	1298	.060	1298	.040	250000				X	44	30
1917	101	1295	.111	1295	.610	1295	.385	1295	.013	1295	.299	1295	.[illegible]	1295	.047	1295	.134	186503				X	72	6
1918	160	1471	.083	1471	.425	1065	.408	1471	.006	1471	.323	1471	.[illegible]	1471	.156			1209000		X	X	X	127	35
3110	140	1677	.040	681	.110	681	.326	681	.055	1677	.298	1677	.[illegible]	1677	.068	1677	.067	407530		X	X	X	206	165
3739	020	1600	.044	1050	.330	1050	.260	1600	.002	1050	.230	1600	.[illegible]10	1600	.060	1050	.070	102400		X	X	X	450	160
3932	136	3100	.050	2290	.507	2150	.555			2290	.463		.053					300000		X	X	X	185	110
7961	044	1562	.099	1562	.233	1562	.262			1562	.358	1562	.076					139065		X	X	X	96	96
8445	045	7647	.019	6481	.395	4554	.339			7647	.477	6400	.039			6414	.039	300000		X	X	X	175	75
9597	131	1468	.177	1072	.161	1017	.717	1468	.014	1128	.618	4225	.024	146	.322			387102		X	X	X	97	
9930	074	2796	.230	2717	.340	2660	.420	INCL.	IN 8	2717	.410	2796	.090	2796	.110	2796	.170	400000		X	X	X	423	196
11500	059	3654	.091	3654	.190	3654	.293			3654	.407	3654	.104	3654	.020	3654	.010	102132		X		X	8500	150
12245	104	3600	.040	3140	.230	3140	.420	3140	.020	3140	.380	3350	.060	3600	.060	3600	.090	400000		X	X	X	600	300
15075	156	4666	.048	2795	.229	2698	.174			3048	.380	4089	.042	4666	.056			104000		X	X	X	340	180
15545	035	4755	.068	4755	.346	3186	.386	4755	.065	4755	.181	4755	.135	4755	.091	4745	.060	145000		X	X	X	3776	856
15659	010	4497	.171	3259	.222	3259	.400	3259	.006	3259	.307	3259	.058	3259	.035	4497	.034	246000	X	X	X	X	1020	204
17646	148	4448	.080	4448	.240	4448	.300			4448	.250									X	X	X	600	85
17722	055			1814	.351	1814	.337			1814	.363							818725		X	X	X	926	325
18193	029	1611	.260	1611	.290	1611	.470			1611	.550	1611	.240	1611	.260			108650		X	X	X	1660	960
19982	013	3509	.051	3509	.188	2763	.310	3509	.007	3509	.274	3509	.055			3509	.048	39166		X	X	X	303	209
20000	043	3375	.148	3375	.310	3375	.498			3375	.413	3375	.081	3375	.108	3375	.084	27492	X	X	X	X	148	148
20349	128	3382	.034	3382	.358	3382	.366	3382	.004	3382	.526					INCL.	IN 6	136097	X	X	X	X	2859	865
20560	046	4013	.070	4013	.260	2400	.750	4013	.020	3506	.320	4013	.080	3644	.170	4013	.130	2650000		X		X	1700	700
22101	077	6408	.108	3892	.381	3924	.460	3892	.010	6156	.602	6296	.009	6366	.148	3892	.033	796011		X	X	X	1200	290
24585	076	4620	.057	4620	.383	4620	.589	INCL.	IN 8	4620	.825	4620	.077	4620	.158	4620	.146	470357		X	X	X	175	80
24935	100	3596	.073	3596	.343	3596	.453	7625	.009	3596	.481	7625	.138	7625	.082	7625	.026	47072		X	X	X	1750	1166
24942	071	10994	.105	6436	.160	5493	.420			10994	.291	17424	.026					1500000	X	X	X	X	4936	400
26119	147	7159	.258	7089	.329	5990	.460	7159	.047	7089	.601	7089	.070	7159	.125	7159	.035	1992000		X	X	X	128	68
29661	079	6806	.050	6806	.240	6806	.326			6806	.460	6806	.114			6806	.028	268042		X	X	X	303	211
30106	078	11875	.025	6699	.177	5890	.312			11834	.348	11875	.044			11875	.057	269792		X	X	X	1935	1000
34000	086	11275	.065	10247	.217	9072	.434	11272	.014	10247	.460			11275	.867	11275	.372	1500000		X	X	X	2908	313
34500	152	10855	.051	7444	.358	7019	.329	10855	.007	9180	.265	10855	.042	10855	.084	10855	.019			X	X	X	630	280
34620	121	8242	.053	8242	.370	8003	.403			12532	.450							1424302	X	X	X	X	2540	704
40008	082	7722	.037	7766	.302	7038	.303			13389	.332	15482	.079	15482	.059			464050	X	X	X	X	5208	1300
41220	161	8992	.036	8992	.432	8992	.340			8992	.380	8992	.044			8992	.027	1108024		X	X	X	1054	435


MILLIONS OF SQ. FT.
COST PER SQ. FT. IN CENTS
PHYSICAL PLANT ADMINISTRATION


MILLIONS OF SQ. FT.
COST PER SQ. FT. IN CENTS
BUILDING MAINTENANCE


MILLIONS OF SQ. FT.
COST PER SQ. FT. IN CENTS
CUSTODIAL SERVICES


MILLIONS OF SQ. FT.
COST PER SQ. FT. IN CENTS
CAMPUS SAFETY EMPLOYEE TRAINING
0
1
2
3
4
5
6
7
152
50
100
86
113
147
81
56
114
153
57
115
93
159
85
46
77
9
13
128
10
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42
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123
23
6
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135
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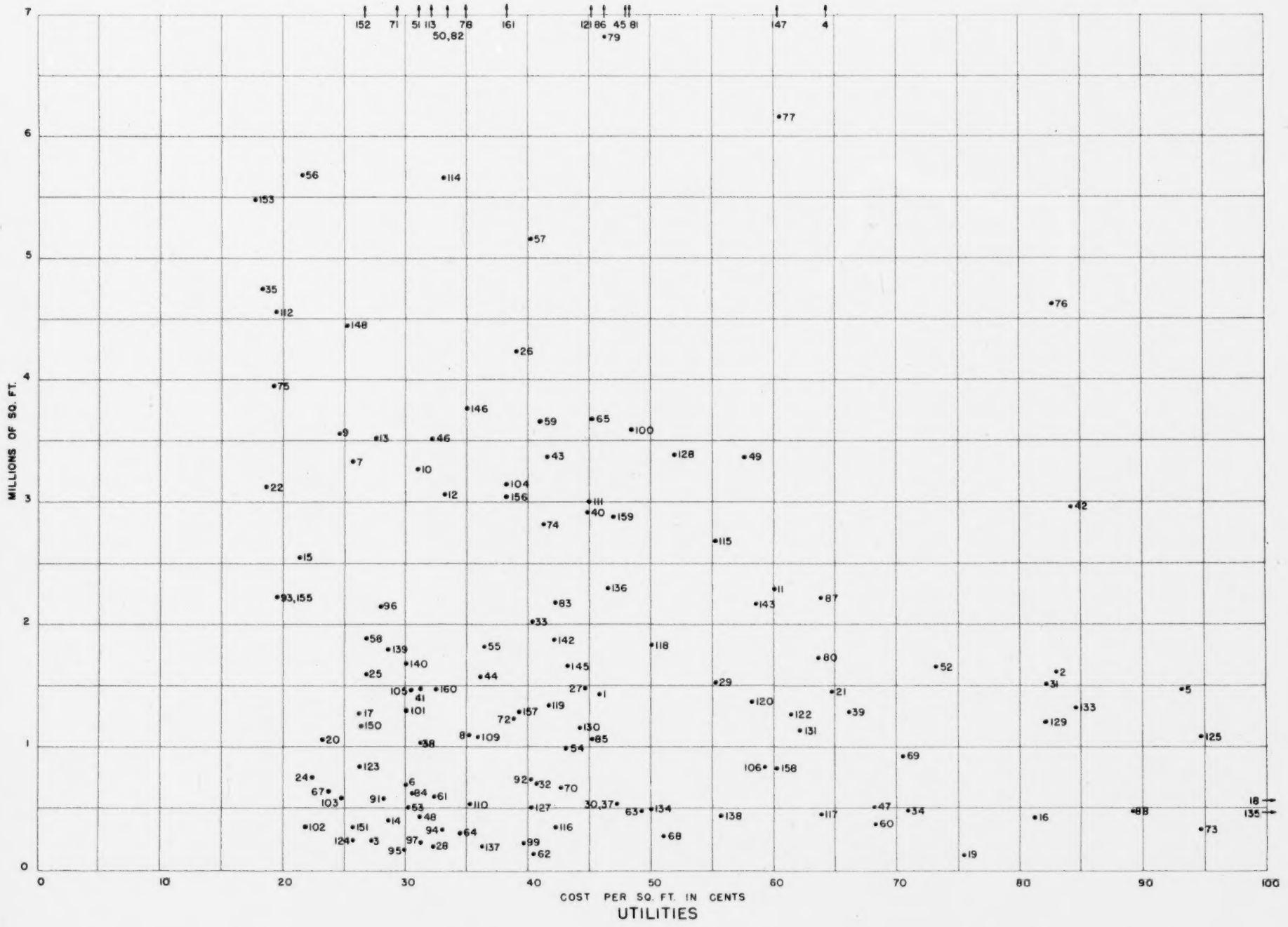
MILLIONS OF SQ. FT.
COST PER SQ. FT. IN CENTS
UTILITIES
0
1
2
3
4
5
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7
0
10
20
30
40
50
60
70
80
90
100
152 71 51 113 78 161 121 86 45 81 147 4
50,82
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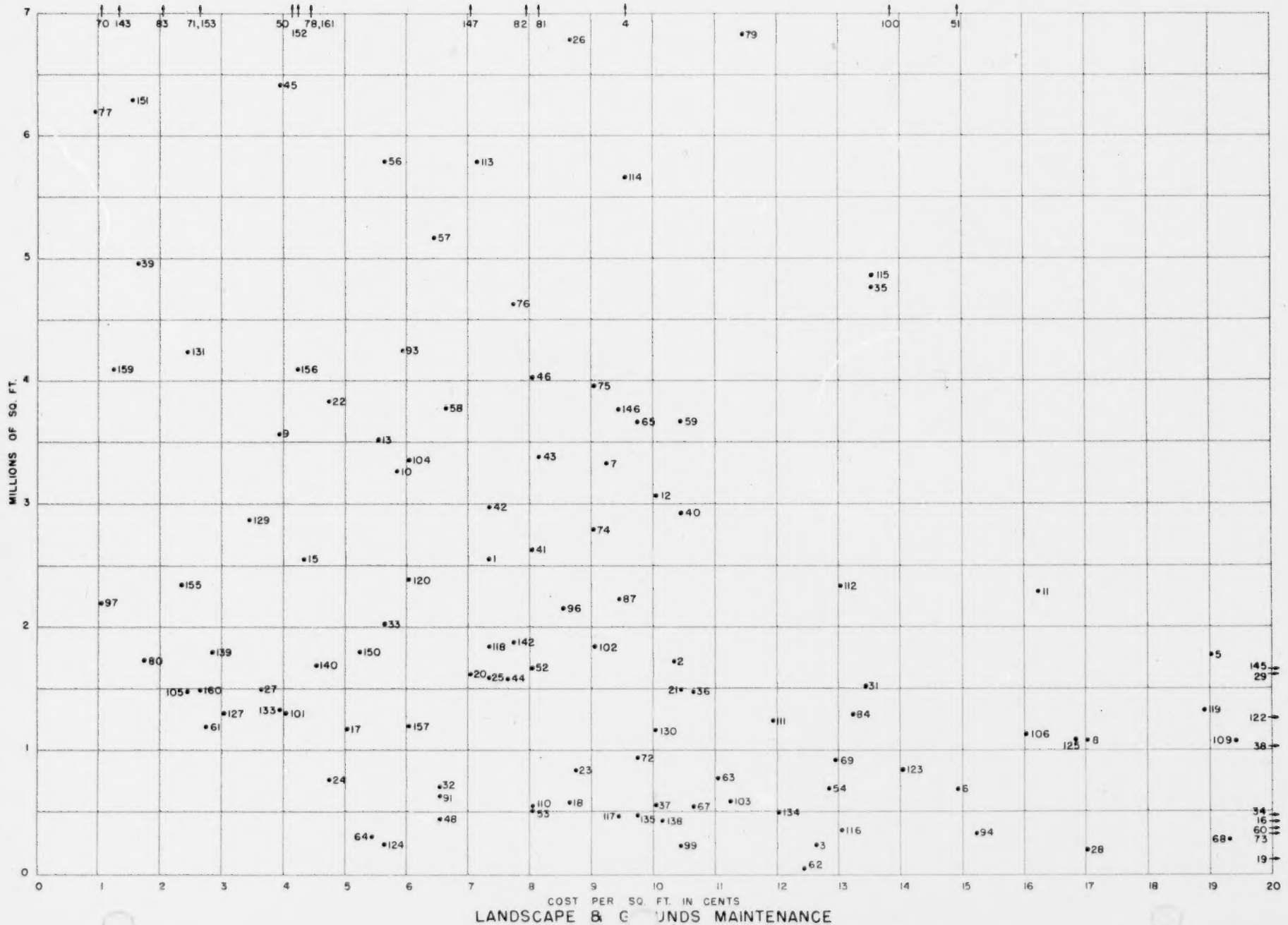
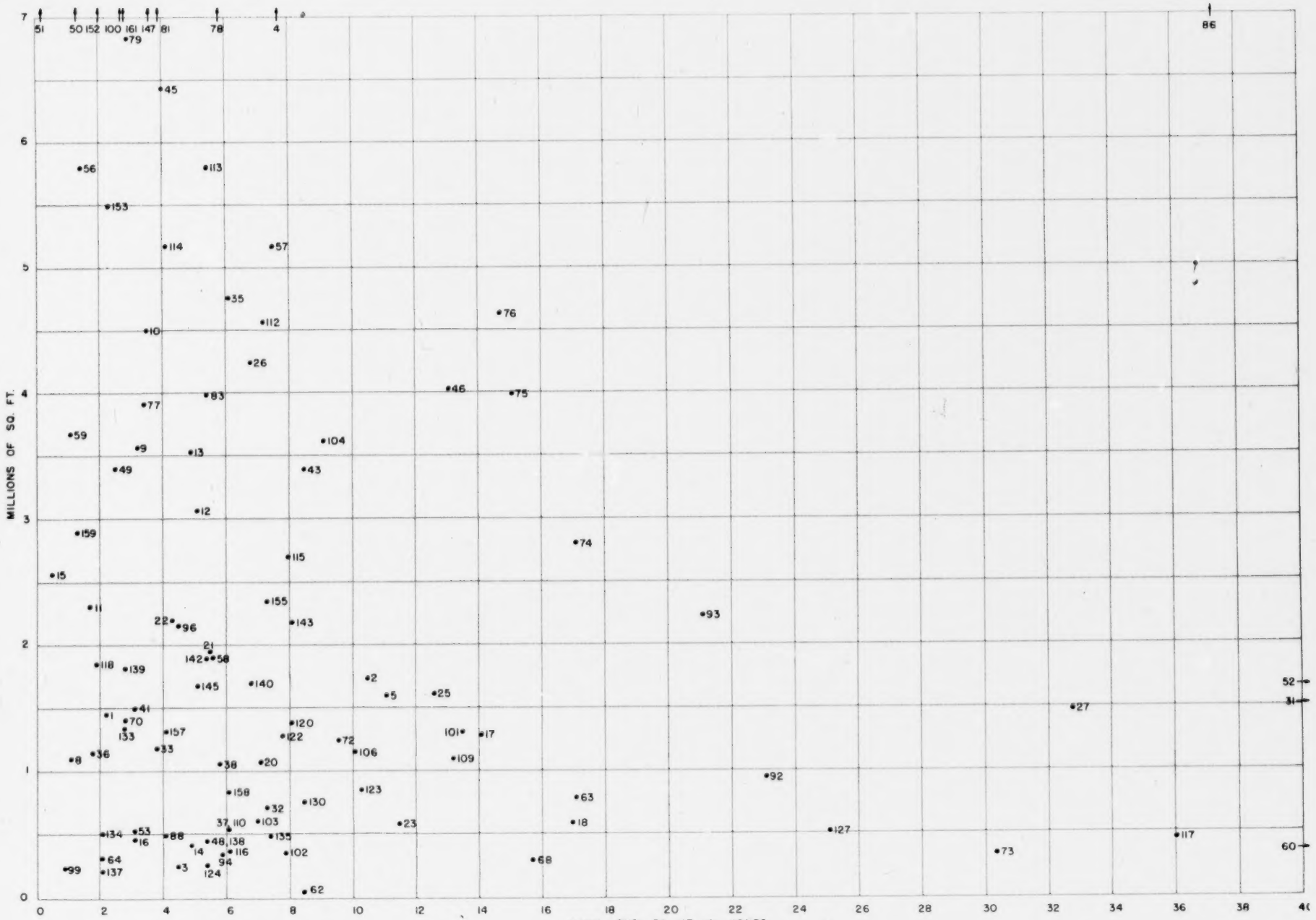
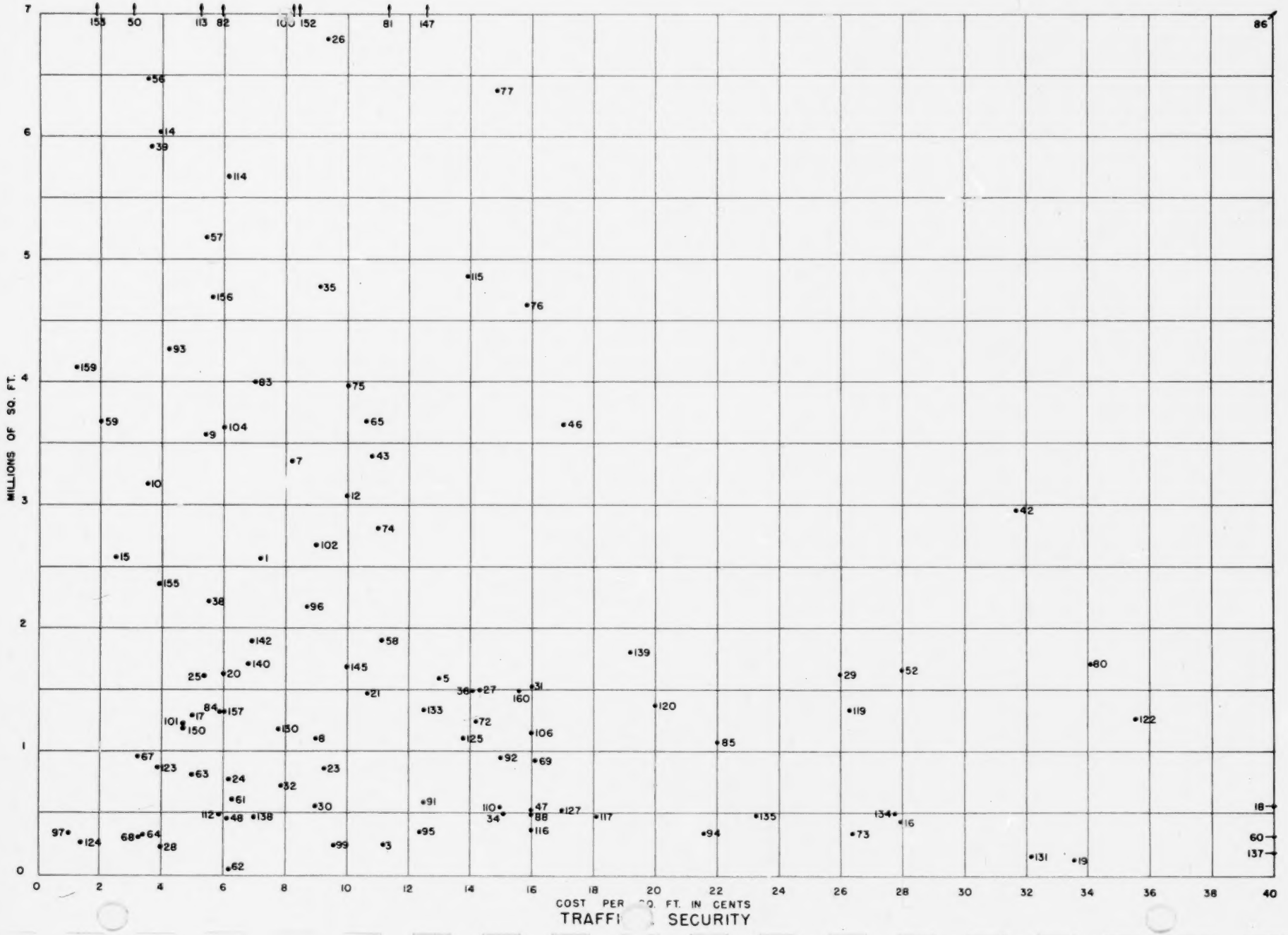

MILLIONS OF SQ. FT.
COST PER SQ. FT. IN CENTS
LANDSCAPE & GROUNDS MAINTENANCE


MILLIONS OF SQ. FT.
COST PER SQ FT. IN CENTS
GENERAL SERVICES


MILLIONS OF SQ. FT.
COST PER SQ. FT. IN CENTS
TRAFFIC SECURITY

WAGE RATES SUMMARY - ALL SCHOOLS

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	151						3	7	23	37	45	26	10
ASSOCIATE ADMIN.	70					1	5	12	20	15	12	5	
ASSISTANT ADMIN.	91			1	2	3	10	27	22	14	6	5	1
PRINCIPAL PLANNER	52					1	4	6	14	17	7	2	1
PRINCIPAL CONSTR. ENGINEER	59						4	13	21	13	6	1	1
CHIEF ENGRS. (MECH, ELEC, CIVIL)	77				1		4	22	27	17	6		
UTILITY OR POWER PLANT SUPT.	119		1		1	9	29	38	26	10	5		
SHOP SUPT. (MAINT.)	127				2	10	31	41	27	12	4		
CUSTODIAL SUPT.	134		1	4	8	20	30	46	17	5	3		
GROUNDS SUPT.	136			3	15	11	39	43	17	6	2		
SKILLED TRADES SUPERVISOR	121			2	5	21	42	30	14	5	2		
CUSTODIAL SUPERVISOR	138	2	7	25	23	30	40	8	3				
POWER PLANT EQUIP. OPERATORS	117	1	3	15	20	29	31	14	4				
SKILLED TRADES (PLUMBER, ELEC, ETC.)	146		2	8	27	38	40	17	6	8			
SKILLED GARDENERS	129	7	21	29	34	24	11	2	1				
CUSTODIANS	151	38	28	45	28	10	2						
SKILLED LABOR	124	10	25	28	26	21	5	6	2	1			

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 71 NO 84

PERCENTAGE MARKUP: 1-10% 19 11-20% 27 21-35% 14 36+% 11

WAGE RATES - MIDWEST REGION

(WAGE RATES SHOWN IN THOUSANDS)

FTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPVR	CUST SUPVR	UTIL EQUIP OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
980	19	14-17						9-11					8- 9	8- 9	8- 9	8- 9	6- 7	8- 9	
1024	3	14-17							11-14	9-11	11-14				8- 9	7- 8	7- 8		
1150	32	14-17	9-11	8- 9			9-11	8- 9	8- 9	7- 8	7- 8		7- 8	7- 8	8- 9	7- 8	6- 7	6- 7	
1467	61	14-17		9-11							9-11		7- 8	6- 7	7- 8		5- 6	8- 9	
1543	124	11-14							7- 8	8- 9							5- 6	6- 7	
2131	62	20-24							14-17	11-14	9-11		8- 9		8- 9		7- 8		
2267	63	20-24	17-20	14-17				11-14	11-14	11-14	11-14	9-11	8- 9	7- 8		7- 8	6- 7	6- 7	
2402	64	17-20							9-11	8- 9					9-11	8- 9	8- 9		
2627	67	14-17		8- 9				11-14		11-14	8- 9	11-14			9-11		6- 7	6- 7	35
3009	151	17-20						11-14	9-11					8- 9			6- 7		
3500	68	17-20						9-11	9-11	9-11	8- 9				8- 9	6- 7	5- 6		
3657	69	20-24		14-17			14-17	9-11	9-11		9-11		9-11	8- 9	14-17	8- 9	7- 8	7- 8	
3692	149	20-24		17-20				17-20	17-20	17-20			14-17	9-11	11-14	8- 9	8- 9		62
3782	70	11-14						9-11	9-11	8- 9	9-11	7- 8	6- 7	8- 9	7- 8		5- 6	6- 7	
4115	117	14-17		9-11				14-17			9-11		8- 9	8- 9		7- 8	6- 7		
4500	37	20-24	14-17	14-17		14-17				11-14	9-11		9-11	9-11	11-14	9-11	9-11	11-14	
5100	16	17-20	14-17				9-11	9-11	9-11	9-11	9-11	9-11	9-11	9-11	9-11	9-11	8- 9	6- 7	
5300	34	14-17				14-17		9-11			9-11	9-11	9-11	8- 9	8- 9	7- 8	7- 8		
5376	33	24-28			17-20	17-20	11-14	11-14	14-17		9-11	9-11	9-11	9-11	9-11		7- 8	7- 8	11
6500	21	17-20		9-11	14-17	14-17		14-17	14-17	14-17		14-17	9-11	14-17	11-14	8- 9	8- 9	8- 9	20
8175	31						14-17	14-17	14-17	11-14	11-14		6- 7	9-11	9-11	6- 7	6- 7	6- 7	21
8445	45	28+						20-24	20-24	17-20	17-20	14-17	11-14	11-14	11-14	9-11	8- 9	8- 9	50
8877	125	17-20						14-17		9-11	9-11		8- 9	8- 9	14-17	8- 9	7- 8		
9090	72	20-24			11-14	9-11	11-14		9-11	11-14	9-11	9-11	8- 9	7- 8	8- 9	8- 9	5- 6	7- 8	10
9423	122	20-24	14-17	14-17	14-17	14-17	14-17	17-20	14-17	11-14	14-17	14-17	11-14	11-14	17-20	9-11	7- 8	14-17	20
9930	74	24-28		20-24	14-17	20-24	17-20	14-17	14-17	11-14	9-11	9-11	7- 8	9-11	9-11	7- 8	6- 7	6- 7	7
13588	85	17-20		11-14			11-14		11-14	11-14	9-11	9-11	9-11		8- 9	7- 8	7- 8	7- 8	
13800	119	20-24	17-20	17-20	11-14	11-14	14-17	11-14	11-14	11-14	11-14	11-14	8- 9	9-11	9-11	7- 8	7- 8	7- 8	
15211	118	24-28	14-17	14-17				9-11	9-11	14-17	9-11	9-11	8- 9	9-11	9-11	8- 9	6- 7	8- 9	
15453	120	17-20					14-17	11-14	11-14	11-14	11-14	8- 9	7- 8	8- 9	6- 7	5- 6	5- 6		19
15659	10	28+		24-28	17-20		17-20	14-17	14-17	11-14	11-14	11-14	9-11	11-14	11-14	8- 9	8- 9	8- 9	10
17500	40	24-28	14-17	14-17	14-17	11-14	11-14	14-17	9-11	11-14	14-17	9-11	8- 9	8- 9	7- 8	6- 7	6- 7	5- 6	
17646	148	24-28	17-20		17-20		14-17		11-14	11-14	11-14	11-14	9-11	11-14	11-14		6- 7	9-11	
17679	114	20-24	20-24	11-14		14-17	11-14			14-17	11-14	11-14	9-11		9-11	7- 8	7- 8	7- 8	15
17722	55	20-24	17-20		14-17		14-17		14-17	14-17	11-14	9-11	9-11	8- 9	8- 9	7- 8	7- 8		
18975	111	20-24		14-17			17-20	14-17		11-14	11-14	14-17	9-11	9-11	14-17	8- 9	7- 8	7- 8	
19000	42	28+	20-24	17-20	20-24		17-20	20-24	17-20	11-14	17-20	17-20	9-11	14-17	17-20	11-14	7- 8	11-14	
20000	43	24-28	20-24	17-20	17-20	17-20	14-17	11-14	11-14	11-14	9-11	11-14	9-11	9-11	14-17	7- 8	6- 7	7- 8	10
20349	128	20-24	17-20		17-20	20-24	14-17	11-14	17-20	14-17	14-17	20-24	9-11	11-14	17-20		8- 9	11-14	20
24585	76	24-28	20-24	17-20				17-20	20-24	11-14	14-17	17-20	9-11		17-20	8- 9	8- 9	17-20	20
27507	113	28+	24-28		17-20	20-24	17-20	20-24	17-20	17-20	17-20	14-17	11-14	9-11	8- 9	7- 8	6- 7	7- 8	
30106	78	20-24	17-20	14-17	14-17	17-20	14-17	11-14	14-17	14-17	14-17	11-14	8- 9	8- 9					17
31140	81	24-28	24-28	24-28	17-20	17-20	20-24	17-20	17-20	20-24	14-17	17-20	11-14	11-14	17-20	9-11	8- 9	11-14	20
34000	86	28+	20-24				17-20	14-17	14-17	9-11	11-14	14-17	8- 9	8- 9	14-17	8- 9	7- 8	8- 9	13
34620	121	24-28	20-24	14-17	24-28	17-20	17-20	17-20	17-20	14-17	17-20	14-17	9-11	11-14	11-14	8- 9	6- 7	11-14	27
40008	82	28+	20-24	14-17	17-20	17-20	17-20	17-20	17-20	17-20	20-24	14-17	11-14	11-14	11-14	9-11	7- 8	9-11	
41220	161	28+		20-24			17-20	17-20	20-24	20-24	14-17	17-20	11-14		17-20	7- 8	7- 8	8- 9	

WAGE RATES SUMMARY - MIDWEST REGION

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	46							2	7	8	13	9	7
ASSOCIATE ADMIN.	21						1		5	6	7	2	
ASSISTANT ADMIN.	26					2	3	2	10	5	2	2	
PRINCIPAL PLANNER	18							2	6	8	1	1	
PRINCIPAL CONSTR. ENGINEER	17						1	2	5	6	3		
CHIEF ENGRS. (MECH, ELEC, CIVIL)	27						2	5	10	9	1		
UTILITY OR POWER PLANT SUPT.	36					1	7	9	9	7	3		
SHOP SUPT. (MAINT.)	38				1	1	9	7	10	7	3		
CUSTODIAL SUPT.	40				1	3	5	18	7	4	2		
GROUNDS SUPT.	41				1	2	15	11	7	4	1		
SKILLED TRADES SUPERVISOR	32				1	1	10	7	8	4	1		
CUSTODIAL SUPERVISOR	41			2	4	11	17	6	1				
POWER PLANT EQUIP. OPERATORS	37			1	3	12	11	8	2				
SKILLED TRADES (PLUMBER, ELEC, ETC.)	42			1	3	10	9	8	5	6			
SKILLED GARDENERS	37		1	3	13	13	6	1					
CUSTODIANS	46		6	14	16	9	1						
SKILLED LABOR	35		1	8	9	8	2	5	1	1			

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 19 NO 28

PERCENTAGE MARKUP: 1-10% 4 11-20% 10 21-35% 3 36+% 2

WAGE RATES - EASTERN REGION

(WAGE RATES SHOWN IN THOUSANDS)

FTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPVR	CUST SUPVR	UTIL EQUIP OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
350	66	14-17						9-11	8- 9	8- 9	8- 9	9-11	6- 7	6- 7	9-11	5- 6	5- 6	5- 6	
591	88	20-24	14-17	11-14									6- 7				5- 6	6- 7	24
596	89	9-11	8- 9										6- 7				5- 6	7- 8	
725	90	17-20						11-14	11-14	8- 9	9-11	8- 9	7- 8	7- 8	7- 8	6- 7	5- 6	6- 7	
1193	84	20-24	11-14		20-24				9-11	8- 9	9-11		6- 7	7- 8	9-11	7- 8	0- 5	6- 7	
1200	47	17-20		11-14									6- 7	9-11	9-11		6- 7	7- 8	
1200	53	14-17	11-14					8- 9	9-11		9-11			6- 7	8- 9			6- 7	
1200	80		24-28	24-28	20-24	17-20	17-20	17-20	17-20	14-17	17-20		14-17	9-11		9-11		6- 7	
1200	91	11-14						9-11	9-11	9-11			8- 9	7- 8	8- 9	6- 7	6- 7	7- 8	
1238	95	11-14		8- 9		9-11			7- 8	5- 6	6- 7				5- 6		0- 5	5- 6	
1376	116	17-20		9-11				9-11	11-14	9-11	9-11	8- 9	7- 8		11-14	7- 8	6- 7	7- 8	
1550	123	14-17	11-14					8- 9		7- 8	7- 8				6- 7		0- 5		
1625	126	14-17							8- 9				7- 8			6- 7	6- 7		
2293	138	17-20						11-14	11-14	9-11	9-11	8- 9	7- 8	7- 8	7- 8	6- 7	6- 7	7- 8	10
2480	150	20-24		11-14			14-17	11-14	8- 9	8- 9	8- 9	7- 8	6- 7	7- 8	6- 7	6- 7	5- 6	5- 6	20
3300	127	17-20	9-11	9-11				7- 8		9-11		8- 9		6- 7	7- 8	6- 7	5- 6	7- 8	
3310	134	20-24		17-20				14-17			9-11	11-14			8- 9	7- 8			15
3932	136	17-20		14-17	14-17	14-17	14-17	11-14		11-14		9-11	8- 9	8- 9	8- 9	6- 7	6- 7	6- 7	58
4380	137	20-24	14-17	11-14					11-14	11-14			8- 9		8- 9		6- 7	8- 9	
4440	73	20-24		9-11				9-11	8- 9		7- 8	8- 9	6- 7	7- 8	7- 8	6- 7	5- 6	7- 8	
4625	141	20-24	14-17	11-14				9-11	9-11	8- 9	11-14	8- 9	7- 8	6- 7	6- 7	5- 6	0- 5	0- 5	
5195	142	17-20		14-17				11-14	11-14	9-11	9-11	9-11	9-11	9-11	9-11	7- 8	7- 8	8- 9	
6854	139	17-20	17-20			14-17		11-14		14-17	9-11	11-14	8- 9	9-11	9-11	8- 9	6- 7	6- 7	
7014	143	20-24				14-17	11-14	11-14	11-14	14-17	14-17	11-14	11-14	9-11	9-11	7- 8	6- 7	8- 9	15
8044	144	24-28						14-17	11-14	11-14	11-14	9-11	11-14	8- 9	8- 9	7- 8	7- 8	7- 8	
8830	145	17-20			14-17	11-14	11-14	14-17	11-14	9-11	11-14	9-11	9-11	9-11	8- 9	6- 7	6- 7	7- 8	10
11200	75	24-28	20-24			17-20	14-17	9-11	9-11	9-11	9-11	9-11	8- 9		7- 8	6- 7	6- 7	7- 8	40
11390	159	24-28	20-24			14-17	17-20	14-17	14-17	11-14	11-14	11-14	9-11	11-14	11-14		8- 9	8- 9	12
11931	146	20-24		11-14	17-20	14-17	17-20	14-17	11-14	11-14	11-14		9-11	11-14	9-11	8- 9	7- 8	8- 9	
12245	104	20-24	11-14	11-14		11-14	14-17	11-14	14-17	9-11	11-14	11-14	6- 7	8- 9	9-11	7- 8	6- 7	6- 7	35
13663	87	24-28		14-17				9-11	9-11	11-14	11-14	9-11	8- 9	8- 9	8- 9		5- 6		
14962	112	20-24	14-17	11-14	9-11	14-17	11-14	9-11	9-11	9-11	11-14	8- 9	5- 6	6- 7	7- 8	5- 6	0- 5	5- 6	
20560	46	24-28	20-24	11-14	14-17			14-17	14-17	14-17	11-14	11-14	9-11	9-11	9-11	8- 9	6- 7	8- 9	
21930	51	24-28	20-24	20-24			17-20	14-17	11-14	11-14	11-14	9-11	9-11		9-11		7- 8	7- 8	12
24942	71		24-28	24-28	24-28	24-28	20-24	14-17	14-17	14-17		9-11	8- 9	7- 8	8- 9	7- 8	5- 6	5- 6	17
29000	4	28+	24-28	20-24	20-24		14-17	11-14	14-17	11-14	11-14	8- 9	5- 6	7- 8	7- 8		5- 6	0- 5	

WAGE RATES SUMMARY - EASTERN REGION

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	34						1	2	4	9	11	6	1
ASSOCIATE ADMIN.	18					1	1	4	4	1	4	3	
ASSISTANT ADMIN.	21					1	3	9	3	1	2	2	
PRINCIPAL PLANNER	9						1		3	1	3	1	
PRINCIPAL CONSTR. ENGINEER	12						1	2	6	2		1	
CHIEF ENGRS. (MECH. ELEC. CIVIL)	13							3	5	4	1		
UTILITY OR POWER PLANT SUPT.	29				1	2	8	9	8	1			
SHOP SUPT. (MAINT.)	28				1	4	7	10	5	1			
CUSTODIAL SUPT.	29		1		1	5	9	8	5				
GROUNDS SUPT.	27			1	2	2	9	11	1	1			
SKILLED TRADES SUPERVISOR	24				1	8	9	6					
CUSTODIAL SUPERVISOR	31		2	8	5	7	6	2	1				
POWER PLANT EQUIP. OPERATORS	26			5	8	4	7	2					
SKILLED TRADES (PLUMBER,ELEC,ETC.)	32		1	3	7	9	10	2					
SKILLED GARDENERS	25		3	10	8	3	1						
CUSTODIANS	33	5	10	13	4	1							
SKILLED LABOR	32	2	5	8	11	6							

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 12 NO 24

PERCENTAGE MARKUP: 1-10% 2 11-20% 6 21-35% 2 36+% 2

WAGE RATES - SOUTHEASTERN REGION

(WAGE RATES SHOWN IN THOUSANDS)

RTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPVR	CUST SUPVR	UTIL EQUIP OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
426	97	9-11		6- 7				5- 6		7- 8	6- 7			5- 6	7- 8		0- 5		10
750	98	11-14						8- 9	8- 9	6- 7	8- 9				7- 8		5- 6	5- 6	
958	99	14-17							9-11	8- 9	7- 8				7- 8		0- 5	6- 7	
1917	101	20-24	17-20	17-20	14-17			14-17	11-14	8- 9	6- 7	14-17	7- 8	8- 9	8- 9	8- 9	0- 5	5- 6	
1918	160	20-24	9-11			9-11		8- 9	9-11	9-11	9-11	8- 9	5- 6		7- 8	5- 6	0- 5	0- 5	
2066	94	14-17							9-11	8- 9	8- 9	8- 9	7- 8		8- 9	7- 8	6- 7	7- 8	
2601	102	14-17		11-14		11-14		9-11	11-14	11-14	9-11	8- 9	8- 9	7- 8	8- 9	5- 6	0- 5	5- 6	
3110	140	14-17		11-14	11-14		9-11	8- 9	8- 9	7- 8	8- 9	7- 8	6- 7	6- 7	6- 7	0- 5	0- 5	0- 5	10
3739	20	17-20	11-14					8- 9	11-14	9-11	11-14	8- 9	6- 7	5- 6	7- 8	6- 7	0- 5	6- 7	
4147	103	20-24		14-17				11-14	11-14	9-11	11-14	8- 9	7- 8	8- 9	8- 9	5- 6	0- 5		44
4174	60	14-17		11-14	20-24	14-17		9-11	11-14	8- 9	7- 8	9-11	5- 6	6- 7	8- 9	0- 5	0- 5	5- 6	
4214	105	14-17						14-17	9-11	9-11	7- 8	9-11	7- 8	6- 7	9-11	8- 9	0- 5	0- 5	20
4757	106	20-24		14-17		9-11		9-11	14-17	11-14	11-14	9-11	7- 8	7- 8	8- 9	5- 6	5- 6		
5979	107	17-20							9-11	6- 7	7- 8	8- 9	5- 6		6- 7	5- 6	0- 5	5- 6	
6056	155	17-20		11-14				9-11	9-11	8- 9	9-11	8- 9	6- 7	0- 5	7- 8	0- 5	0- 5	0- 5	
6743	108	17-20		11-14						7- 8	7- 8	8- 9	6- 7		7- 8	5- 6	0- 5		
7804	109	24-28	14-17	11-14	17-20	17-20	17-20	11-14	11-14	11-14	11-14	11-14	7- 8	6- 7	8- 9	5- 6	0- 5	5- 6	13
7961	44	17-20	14-17			11-14	11-14	11-14	11-14	11-14	11-14	9-11	8- 9	9-11	9-11	5- 6	0- 5	5- 6	18
8226	96	24-28	17-20	9-11	14-17	14-17	11-14	14-17	11-14	11-14	11-14	9-11	6- 7		8- 9	5- 6	0- 5	5- 6	
9100	110	17-20	14-17			14-17		9-11	9-11	9-11	9-11	9-11	9-11		9-11	8- 9	6- 7	8- 9	
12067	49	24-28	14-17	14-17		17-20	14-17	11-14	11-14	11-14	14-17	11-14	8- 9	8- 9	9-11	6- 7	5- 6	5- 6	
15372	93	20-24		11-14		14-17	14-17	9-11	11-14	9-11	9-11	9-11	9-11	7- 8	7- 8	6- 7	0- 5	5- 6	
15849	26						17-20	14-17	14-17	14-17	14-17	9-11	9-11	8- 9	8- 9	7- 8	0- 5		
19616	115	24-28	14-17	17-20	17-20	11-14	11-14	11-14	14-17	14-17	14-17	9-11	7- 8	8- 9	9-11	5- 6	0- 5	5- 6	65
24935	100	20-24		14-17			14-17	11-14	11-14	11-14	11-14	9-11	7- 8	8- 9	9-11	5- 6	5- 6	5- 6	60

WAGE RATES SUMMARY - SOUTHEASTERN REGION

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	24						1	1	6	6	6	4	
ASSOCIATE ADMIN.	9						1	1	5	2			
ASSISTANT ADMIN.	15			1			1	7	4	2			
PRINCIPAL PLANNER	6							1	2	2	1		
PRINCIPAL CONSTR. ENGINEER	11						2	3	4	2			
CHIEF ENGRS. (MECH, ELEC, CIVIL)	9						1	3	3	2			
UTILITY OR POWER PLANT SUPT.	21		1			4	6	6	4				
SHOP SUPT. (MAINT.)	23					2	7	11	3				
CUSTODIAL SUPT.	25			2	3	5	6	7	2				
GROUNDS SUPT.	25			2	5	3	5	7	3				
SKILLED TRADES SUPERVISOR	22				1	8	10	2	1				
CUSTODIAL SUPERVISOR	22		3	5	8	3	3						
POWER PLANT EQUIP. OPERATORS	17	1	2	4	3	6	1						
SKILLED TRADES (PLUMBER, ELEC, ETC.)	25			2	8	9	6						
SKILLED GARDENERS	22	3	11	3	2	3							
CUSTODIANS	25	19	4	2									
SKILLED LABOR	20	4	12	2	1	1							

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 8 NO 17

PERCENTAGE MARKUP: 1-10% 2 11-20% 3 21-35% 0 36+% 3

WAGE RATES - CENTRAL REGION

(WAGE RATES SHOWN IN THOUSANDS)

FTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPVR	CUST SUPVR	UTIL EQUIP OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
470	18	17-20	14-17	14-17		11-14		9-11	9-11	9-11	9-11	9-11	6- 7	6- 7	8- 9	0- 5	0- 5	0- 5	5
590	133	20-24	11-14							9-11		9-11	8- 9		9-11	6- 7	6- 7		25
785	135	20-24	11-14		9-11			9-11	11-14	9-11	8- 9	9-11	6- 7	8- 9	7- 8	0- 5	0- 5		15
1415	157	17-20	14-17	9-11		11-14	11-14	8- 9		9-11	8- 9	9-11	6- 7	8- 9	9-11	7- 8	0- 5	5- 6	45
2275	48	11-14	9-11							6- 7		6- 7	0- 5	6- 7	7- 8	0- 5	0- 5	0- 5	16
2303	14	14-17	11-14					9-11		8- 9	7- 8		6- 7	7- 8	8- 9	6- 7	5- 6		
4569	39	20-24	14-17	9-11			11-14	11-14	11-14	9-11	9-11	9-11	7- 8	9-11	9-11	6- 7	6- 7	6- 7	
5466	23	17-20		7- 8		11-14	11-14		8- 9	7- 8	7- 8	6- 7	0- 5	5- 6	5- 6	0- 5	0- 5	5- 6	5
6042	130	14-17						9-11	9-11	6- 7	9-11	9-11	6- 7	7- 8	7- 8	5- 6	5- 6	5- 6	
6386	132	17-20		14-17			9-11				9-11	8- 9	7- 8	6- 7	7- 8	5- 6	0- 5		
9248	54	14-17	11-14	11-14				11-14	9-11			9-11	9-11		8- 9	6- 7	6- 7	6- 7	12
9261	158	14-17		11-14	8- 9				9-11	8- 9	7- 8		5- 6		7- 8	7- 8	0- 5		
9278	41	17-20	14-17	14-17				9-11	9-11	8- 9	8- 9	8- 9	6- 7	7- 8	7- 8		0- 5	5- 6	8
9297	129	20-24	17-20	11-14					9-11	8- 9	7- 8	9-11	6- 7		6- 7	7- 8	0- 5	0- 5	
9428	58	17-20		9-11		11-14	11-14		11-14			9-11	9-11	7- 8	7- 8	5- 6	0- 5	6- 7	5
9500	36	17-20		11-14	9-11		11-14		11-14		9-11	8- 9	8- 9	7- 8	8- 9	6- 7	0- 5	0- 5	19
9597	131	20-24	9-11		14-17	14-17			11-14	11-14	9-11	11-14	8- 9		9-11		5- 6	5- 6	20
15014	50	20-24	17-20	17-20				14-17	14-17	11-14	14-17	11-14	8- 9	8- 9	9-11	5- 6	0- 5	6- 7	19
15075	156	17-20	17-20	11-14			11-14	11-14	11-14	8- 9	11-14	8- 9	6- 7		6- 7	6- 7	0- 5	5- 6	22
16951	154	17-20	17-20	17-20			11-14	11-14	9-11	9-11	14-17	7- 8	5- 6	6- 7	7- 8	6- 7	0- 5	6- 7	21
22051	65	20-24		11-14			14-17	14-17	14-17	11-14	14-17	11-14	9-11	9-11	9-11	5- 6	5- 6	5- 6	10

WAGE RATES SUMMARY - CENTRAL REGION

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	21							1	4	9	7		
ASSOCIATE ADMIN.	14						2	4	4	4			
ASSISTANT ADMIN.	15				1		3	6	3	2			
PRINCIPAL PLANNER	4					1	2		1				
PRINCIPAL CONSTR. ENGINEER	5							4	1				
CHIEF ENGRS. (MECH, ELEC, CIVIL)	9						1	7	1				
UTILITY OR POWER PLANT SUPT.	12					1	5	4	2				
SHOP SUPT. (MAINT.)	16					1	7	6	2				
CUSTODIAL SUPT.	17			2	1	5	6	3					
GROUNDS SUPT.	17				4	3	6	1	3				
SKILLED TRADES SUPERVISOR	19			2	1	4	9	3					
CUSTODIAL SUPERVISOR	21	2	2	8	2	4	3						
POWER PLANT EQUIP. OPERATORS	15		1	4	5	3	2						
SKILLED TRADES (PLUMBER, ELEC, ETC.)	21		1	2	8	4	6						
SKILLED GARDENERS	19	4	5	7	3								
CUSTODIANS	21	14	4	3									
SKILLED LABOR	16	4	7	5									

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 15 NO 6

PERCENTAGE MARKUP: 1-10% 5 11-20% 6 21-35% 3 36+% 1

WAGE RATES - ROCKY MOUNTAIN REGION

(WAGE RATES SHOWN IN THOUSANDS)

FTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPVR	CUST SUPVR	UTIL EQUIP OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
1106	27	20-24		11-14	17-20	20-24		14-17	14-17	14-17	7- 8	14-17	9-11	9-11	11-14	6- 7	6- 7	8- 9	8
1200	28	9-11		7- 8			7- 8	8- 9	8- 9	8- 9	8- 9				8- 9	6- 7	6- 7	6- 7	
1306	30	20-24			14-17	14-17	11-14	9-11	8- 9	7- 8	7- 8	7- 8	6- 7	8- 9	8- 9	6- 7	5- 6	6- 7	
2741	24	14-17	11-14							7- 8	7- 8	11-14	6- 7		8- 9	6- 7	6- 7	6- 7	
5300	92	14-17						11-14	11-14	14-17	11-14	11-14	9-11	9-11	9-11	6- 7	6- 7		
8102	25	20-24			17-20	11-14	14-17	9-11	11-14	9-11	9-11	11-14			9-11	6- 7	6- 7	7- 8	35
8546	22	17-20		14-17		14-17	14-17			11-14	11-14	11-14	8- 9	9-11	9-11	7- 8	5- 6	6- 7	24
8547	17	20-24			11-14		14-17	11-14	14-17		11-14	11-14	9-11	9-11	9-11	9-11	7- 8		10
8763	15	17-20	11-14	11-14	17-20		11-14				9-11	9-11	9-11	7- 8	7- 8	5- 6	5- 6		10
10056	12	20-24		17-20	17-20	14-17	14-17	11-14	14-17	9-11	14-17	14-17	7- 8	11-14	11-14	7- 8	5- 6	8- 9	
11555	8	17-20	14-17	11-14				11-14	11-14	9-11	11-14	11-14	9-11	9-11	9-11	7- 8	7- 8	8- 9	10
16656	7	24-28		17-20	17-20	17-20	14-17	11-14	11-14	11-14	9-11	9-11	8- 9	9-11	9-11	7- 8	6- 7	7- 8	35
26260	153	28+		28+	11-14	17-20	14-17	11-14	11-14	11-14	11-14	11-14	8- 9	8- 9	8- 9	7- 8	6- 7		

WAGE RATES SUMMARY - ROCKY MOUNTAIN REGION

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	13						1		2	3	5	1	1
ASSOCIATE ADMIN.	3							2	1				
ASSISTANT ADMIN.	8				1			3	1	2			1
PRINCIPAL PLANNER	8							2	1	5			
PRINCIPAL CONSTR. ENGINEER	7							1	3	2	1		
CHIEF ENGRS. (MECH, ELEC, CIVIL)	9				1			2	6				
UTILITY OR POWER PLANT SUPT.	10					1	2	6	1				
SHOP SUPT. (MAINT.)	10					2		5	3				
CUSTODIAL SUPT.	11				2	1	3	3	2				
GROUNDS SUPT.	13				3	1	3	5	1				
SKILLED TRADES SUPERVISOR	12				1		2	7	2				
CUSTODIAL SUPERVISOR	11			2	1	3	5						
POWER PLANT EQUIP. OPERATORS	10				1	2	6	1					
SKILLED TRADES (PLUMBER, ELEC, ETC.)	13				1	4	6	2					
SKILLED GARDENERS	13		1	6	5		1						
CUSTODIANS	13		4	7	2								
SKILLED LABOR	9			4	2	3							

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 7 NO 6

PERCENTAGE MARKUP: 1-10% 4 11-20% 0 21-35% 3 36+% 0

WAGE RATES - WEST COAST REGION

(WAGE RATES SHOWN IN THOUSANDS)

FTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPVR	CUST SUPVR	UTIL EQUIP OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
1515	2	24-28			20-24		20-24	11-14	14-17	11-14	11-14	11-14	9-11	11-14	11-14	9-11	7- 8	8- 9	32
2629	5	28+		24-28	28+	28+	20-24	20-24	20-24	20-24	20-24	17-20	14-17	14-17	17-20	14-17	9-11	14-17	32
4333	1	17-20	14-17							11-14	14-17	9-11	9-11	8- 9	8- 9	7- 8	7- 8	9-11	12
4800	6	11-14	11-14		9-11	11-14		9-11	9-11	9-11	9-11	9-11	7- 8	8- 9	8- 9	7- 8	6- 7	6- 7	
6714	38	17-20					11-14	11-14	11-14	11-14	11-14		7- 8	9-11	9-11	8- 9	6- 7		19
11500	59	24-28	20-24				20-24	14-17	14-17		11-14	14-17			11-14	8- 9	7- 8	8- 9	
12274	11	20-24		17-20	11-14			14-17	17-20	11-14	11-14	11-14	9-11	11-14	11-14	8- 9	7- 8	7- 8	50
14500	56	24-28	17-20	17-20	14-17	20-24	14-17	11-14	11-14	11-14	11-14	11-14	9-11	9-11	9-11	8- 9	7- 8	7- 8	
15795	9	20-24		14-17		14-17	17-20	11-14	14-17	11-14	11-14	11-14	9-11	9-11	11-14	9-11	6- 7	7- 8	40
17738	57	24-28	17-20			14-17	11-14	17-20	14-17	11-14	11-14	14-17	8- 9	9-11	14-17	9-11	6- 7	9-11	10
19982	13	24-28			17-20		17-20		17-20	8- 9	11-14	11-14	7- 8	6- 7	9-11	7- 8	6- 7	8- 9	10
29661	79	24-28		20-24	20-24	17-20	20-24	20-24	17-20	14-17	14-17	20-24	9-11	14-17	17-20	11-14	7- 8	11-14	45
34500	152	20-24		20-24		20-24	14-17	17-20	17-20	17-20	17-20	14-17	8- 9	11-14	11-14	8- 9	6- 7	9-11	30

WAGE RATES SUMMARY - WEST COAST REGION

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	13							1		2	3	6	1
ASSOCIATE ADMIN.	5							1	1	2	1		
ASSISTANT ADMIN.	6								1	2	2	1	
PRINCIPAL PLANNER	7						1	1	1	1	2		1
PRINCIPAL CONSTR. ENGINEER	7							1	2	1	2		1
CHIEF ENGRS. (MECH. ELEC. CIVIL)	10							2	2	2	4		
UTILITY OR POWER PLANT SUPT.	11						1	4	2	2	2		
SHOP SUPT. (MAINT.)	12						1	2	4	4	1		
CUSTODIAL SUPT.	12					1	1	7	1	1	1		
GROUNDS SUPT.	13						1	8	2	1	1		
SKILLED TRADES SUPERVISOR	12						2	5	3	1	1		
CUSTODIAL SUPERVISOR	12				3	2	6		1				
POWER PLANT EQUIP. OPERATORS	12			1		2	4	3	2				
SKILLED TRADES (PLUMBER, ELEC, ETC.)	13					2	3	5	1	2			
SKILLED GARDENERS	13				3	5	3	1	1				
CUSTODIANS	13			6	6		1						
SKILLED LABOR	12			1	3	3	3	1	1				

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 10 NO 3

PERCENTAGE MARKUP: 1-10% 2 11-20% 2 21-35% 3 36+% 3

WAGE RATES - 0-3000 F.T.E.

(WAGE RATES SHOWN IN THOUSANDS)

FTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPVR	CUST SUPVR	UTIL EQUIP OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
350	66	14-17						9-11	8- 9	8- 9	8- 9	9-11	6- 7	6- 7	9-11	5- 6	5- 6	5- 6	
426	97	9-11		6- 7				5- 6		7- 8	6- 7			5- 6	7- 8		0- 5		10
470	18	17-20	14-17	14-17		11-14		9-11	9-11	9-11	9-11	9-11	6- 7	6- 7	8- 9	0- 5	0- 5	0- 5	5
590	133	20-24	11-14							9-11		9-11	8- 9		9-11	6- 7	6- 7		25
591	88	20-24	14-17	11-14									6- 7				5- 6	6- 7	24
596	89	9-11	8- 9										6- 7				5- 6	7- 8	
725	90	17-20						11-14	11-14	8- 9	9-11	8- 9	7- 8	7- 8	7- 8	6- 7	5- 6	6- 7	
750	98	11-14						8- 9	8- 9	6- 7	8- 9				7- 8		5- 6	5- 6	
785	135	20-24	11-14		9-11			9-11	11-14	9-11	8- 9	9-11	6- 7	8- 9	7- 8	0- 5	0- 5		15
958	99	14-17							9-11	8- 9	7- 8				7- 8		0- 5	6- 7	
980	19	14-17						9-11					8- 9	8- 9	8- 9	8- 9	6- 7	8- 9	
1024	3	14-17							11-14	9-11	11-14				8- 9	7- 8	7- 8		
1106	27	20-24		11-14	17-20	20-24		14-17	14-17	14-17	7- 8	14-17	9-11	9-11	11-14	6- 7	6- 7	8- 9	8
1150	32	14-17	9-11	8- 9			9-11	8- 9	8- 9	7- 8	7- 8		7- 8	7- 8	8- 9	7- 8	6- 7	6- 7	
1193	84	20-24	11-14		20-24				9-11	8- 9	9-11		6- 7	7- 8	9-11	7- 8	0- 5	6- 7	
1200	28	9-11		7- 8			7- 8	8- 9	8- 9	8- 9	8- 9				8- 9	6- 7	6- 7	6- 7	
1200	47	17-20		11-14									6- 7	9-11	9-11		6- 7	7- 8	
1200	53	14-17	11-14					8- 9	9-11		9-11			6- 7	8- 9			6- 7	
1200	80		24-28	24-28	20-24	17-20	17-20	17-20	17-20	14-17	17-20		14-17	9-11		9-11		6- 7	
1200	91	11-14						9-11	9-11	9-11			8- 9	7- 8	8- 9	6- 7	6- 7	7- 8	
1238	95	11-14		8- 9		9-11			7- 8	5- 6	6- 7				5- 6		0- 5	5- 6	
1306	30	20-24			14-17	14-17	11-14	9-11	8- 9	7- 8	7- 8	7- 8	6- 7	8- 9	8- 9	6- 7	5- 6	6- 7	
1376	116	17-20		9-11				9-11	11-14	9-11	9-11	8- 9	7- 8		11-14	7- 8	6- 7	7- 8	
1415	157	17-20	14-17	9-11		11-14	11-14	8- 9		9-11	8- 9	9-11	6- 7	8- 9	9-11	7- 8	0- 5	5- 6	45
1467	61	14-17		9-11							9-11		7- 8	6- 7	7- 8		5- 6	8- 9	
1515	2	24-28			20-24		20-24	11-14	14-17	11-14	11-14	11-14	9-11	11-14	11-14	9-11	7- 8	8- 9	32
1543	124	11-14							7- 8	8- 9							5- 6	6- 7	
1550	123	14-17	11-14					8- 9		7- 8	7- 8				6- 7		0- 5		
1625	126	14-17							8- 9				7- 8			6- 7	6- 7		
1917	101	20-24	17-20	17-20	14-17			14-17	11-14	8- 9	6- 7	14-17	7- 8	8- 9	8- 9	8- 9	0- 5	5- 6	
1918	160	20-24	9-11			9-11		8- 9	9-11	9-11	9-11	8- 9	5- 6		7- 8	5- 6	0- 5	0- 5	
2066	94	14-17							9-11	8- 9	8- 9	8- 9	7- 8		8- 9	7- 8	6- 7	7- 8	
2131	62	20-24							14-17	11-14	9-11		8- 9		8- 9		7- 8		
2267	63	20-24	17-20	14-17				11-14	11-14	11-14	11-14	9-11	8- 9	7- 8		7- 8	6- 7	6- 7	
2275	48	11-14	9-11							6- 7		6- 7	0- 5	6- 7	7- 8	0- 5	0- 5	0- 5	16
2293	138	17-20						11-14	11-14	9-11	9-11	8- 9	7- 8	7- 8	7- 8	6- 7	6- 7	7- 8	10
2303	14	14-17	11-14					9-11		8- 9	7- 8		6- 7	7- 8	8- 9	6- 7	5- 6		
2402	64	17-20							9-11	8- 9					9-11	8- 9	8- 9		
2480	150	20-24		11-14			14-17	11-14	8- 9	8- 9	8- 9	7- 8	6- 7	7- 8	6- 7	6- 7	5- 6	5- 6	20
2601	102	14-17		11-14		11-14		9-11	11-14	11-14	9-11	8- 9	8- 9	7- 8	8- 9	5- 6	0- 5	5- 6	
2627	67	14-17		8- 9				11-14		11-14	8- 9	11-14			9-11		6- 7	6- 7	35
2629	5	28+		24-28	28+	28+	20-24	20-24	20-24	20-24	20-24	17-20	14-17	14-17	17-20	14-17	9-11	14-17	32
2741	24	14-17	11-14							7- 8	7- 8	11-14	6- 7		8- 9	6- 7	6- 7	6- 7	

WAGE RATES SUMMARY - 0-3000 F.T.E.

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	42						3	5	14	7	11	1	1
ASSOCIATE ADMIN.	17					1	3	7	3	2		1	
ASSISTANT ADMIN.	18			1	1	3	3	5	2	1		2	
PRINCIPAL PLANNER	8						1		2	1	3		1
PRINCIPAL CONSTR. ENGINEER	9						2	3	1	1	1		1
CHIEF ENGRS. (MECH, ELEC, CIVIL)	8				1		1	2	1	1	2		
UTILITY OR POWER PLANT SUPT.	27		1			7	9	6	2	1	1		
SHOP SUPT. (MAINT.)	30				2	7	8	8	3	1	1		
CUSTODIAL SUPT.	36		1	2	5	11	9	5	2		1		
GROUNDS SUPT.	33			3	7	8	10	3		1	1		
SKILLED TRADES SUPERVISOR	21			1	2	6	6	3	2	1			
CUSTODIAL SUPERVISOR	32	1	1	12	8	6	2		2				
POWER PLANT EQUIP. OPERATORS	25		1	5	9	5	3	1	1				
SKILLED TRADES (PLUMBER, ELEC, ETC.)	37		1	2	9	14	7	3		1			
SKILLED GARDENERS	30	3	3	11	7	3	2		1				
CUSTODIANS	41	12	10	14	3	1	1						
SKILLED LABOR	34	3	7	13	6	4			1				

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 13 NO 30

PERCENTAGE MARKUP: 1-10% 4 11-20% 3 21-35% 5 36+% 1

WAGE RATES - 3000-6000 F.T.E.

(WAGE RATES SHOWN IN THOUSANDS)

FTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPVR	CUST SUPVR	UTIL EQUIP OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
3009	151	17-20						11-14	9-11					8- 9			6- 7		
3110	140	14-17		11-14	11-14		9-11	8- 9	8- 9	7- 8	8- 9	7- 8	6- 7	6- 7	6- 7	0- 5	0- 5	0- 5	10
3300	127	17-20	9-11	9-11				7- 8		9-11		8- 9		6- 7	7- 8	6- 7	5- 6	7- 8	
3310	134	20-24		17-20				14-17			9-11	11-14			8- 9	7- 8			15
3500	68	17-20						9-11	9-11	9-11	8- 9				8- 9	6- 7	5- 6		
3657	69	20-24		14-17			14-17	9-11	9-11		9-11		9-11	8- 9	14-17	8- 9	7- 8	7- 8	
3692	149	20-24		17-20				17-20	17-20	17-20			14-17	9-11	11-14	8- 9	8- 9		62
3739	20	17-20	11-14					8- 9	11-14	9-11	11-14	8- 9	6- 7	5- 6	7- 8	6- 7	0- 5	6- 7	
3782	70	11-14						9-11	9-11	8- 9	9-11	7- 8	6- 7	8- 9	7- 8		5- 6	6- 7	
3932	136	17-20		14-17	14-17	14-17	14-17	11-14		11-14		9-11	8- 9	8- 9	8- 9	6- 7	6- 7	6- 7	58
4115	117	14-17		9-11				14-17			9-11		8- 9	8- 9		7- 8	6- 7		
4147	103	20-24		14-17				11-14	11-14	9-11	11-14	8- 9	7- 8	8- 9	8- 9	5- 6	0- 5		44
4174	60	14-17		11-14	20-24	14-17		9-11	11-14	8- 9	7- 8	9-11	5- 6	6- 7	8- 9	0- 5	0- 5	5- 6	
4214	105	14-17						14-17	9-11	9-11	7- 8	9-11	7- 8	6- 7	9-11	8- 9	0- 5	0- 5	20
4333	1	17-20	14-17							11-14	14-17	9-11	9-11	8- 9	8- 9	7- 8	7- 8	9-11	12
4380	137	20-24	14-17	11-14					11-14	11-14			8- 9		8- 9		6- 7	8- 9	
4440	73	20-24		9-11				9-11	8- 9		7- 8	8- 9	6- 7	7- 8	7- 8	6- 7	5- 6	7- 8	
4500	37	20-24	14-17	14-17		14-17				11-14	9-11		9-11	9-11	11-14	9-11	9-11	11-14	
4569	39	20-24	14-17	9-11			11-14	11-14	11-14	9-11	9-11	9-11	7- 8	9-11	9-11	6- 7	6- 7	6- 7	
4625	141	20-24	14-17	11-14				9-11	9-11	8- 9	11-14	8- 9	7- 8	6- 7	6- 7	5- 6	0- 5	0- 5	
4757	106	20-24		14-17		9-11		9-11	14-17	11-14	11-14	9-11	7- 8	7- 8	8- 9	5- 6	5- 6		
4800	6	11-14	11-14		9-11	11-14		9-11	9-11	9-11	9-11	9-11	7- 8	8- 9	8- 9	7- 8	6- 7	6- 7	
5100	16	17-20	14-17				9-11	9-11	9-11	9-11	9-11	9-11	9-11	9-11	9-11	9-11	8- 9	6- 7	
5195	142	17-20		14-17				11-14	11-14	9-11	9-11	9-11	9-11	9-11	9-11	7- 8	7- 8	8- 9	
5300	34	14-1[illegible]				14-17		9-11			9-11	9-11	9-11	8- 9	8- 9	7- 8	7- 8		
5300	92	14-1[illegible]						11-14	11-14	14-17	11-14	11-14	9-11	9-11	9-11	6- 7	6- 7		
5376	33	24-28			17-20	17-20	11-14	11-14	14-17		9-11	9-11	9-11	9-11	9-11		7- 8	7- 8	11
5466	23	17-20		7- 8		11-14	11-14		8- 9	7- 8	7- 8	6- 7	0- 5	5- 6	5- 6	0- 5	0- 5	5- 6	5
5979	107	17-20							9-11	6- 7	7- 8	8- 9	5- 6		6- 7	5- 6	0- 5	5- 6	

WAGE RATES SUMMARY - 3000-6000 F.T.E.

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	29							2	6	10	10	1	
ASSOCIATE ADMIN.	9						1	2	6				
ASSISTANT ADMIN.	17				1		4	4	6	2			
PRINCIPAL PLANNER	5						1	1	1	1	1		
PRINCIPAL CONSTR. ENGINEER	8						1	2	4	1			
CHIEF ENGRS. (MECH, ELEC, CIVIL)	7						2	3	2				
UTILITY OR POWER PLANT SUPT.	24				1	2	10	7	3	1			
SHOP SUPT. (MAINT.)	22					3	9	7	2	1			
CUSTODIAL SUPT.	22			1	2	3	9	5	1	1			
GROUNDS SUPT.	24				5	2	11	5	1				
SKILLED TRADES SUPERVISOR	22			1	2	6	11	2					
CUSTODIAL SUPERVISOR	25	1	2	4	6	3	8		1				
POWER PLANT EQUIP. OPERATORS	25		2	5	2	9	7						
SKILLED TRADES (PLUMBER, ELEC, ETC.)	27		1	3	4	10	6	2	1				
SKILLED GARDENERS	25	3	4	7	6	3	2						
CUSTODIANS	28	8	5	7	5	2	1						
SKILLED LABOR	20	3	3	6	4	2	1	1					

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 9 NO 20

PERCENTAGE MARKUP: 1-10% 2 11-20% 4 21-35% 0 36+% 3

WAGE RATES - 6000-10000 F.T.E.

(WAGE RATES SHOWN IN THOUSANDS)

FTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPVR	CUST SUPVR	UTIL EQUIP OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
6042	130	14-17						9-11	9-11	6- 7	9-11	9-11	6- 7	7- 8	7- 8	5- 6	5- 6	5- 6	
6056	155	17-20		11-14				9-11	9-11	8- 9	9-11	8- 9	6- 7	0- 5	7- 8	0- 5	0- 5	0- 5	
6386	132	17-20		14-17			9-11				9-11	8- 9	7- 8	6- 7	7- 8	5- 6	0- 5		
6500	21	17-20		9-11	14-17	14-17		14-17	14-17	14-17		14-17	9-11	14-17	11-14	8- 9	8- 9	8- 9	20
6714	38	17-20					11-14	11-14	11-14	11-14	11-14		7- 8	9-11	9-11	8- 9	6- 7		19
6743	108	17-20		11-14						7- 8	7- 8	8- 9	6- 7		7- 8	5- 6	0- 5		
6854	139	17-20	17-20			14-17		11-14		14-17	9-11	11-14	8- 9	9-11	9-11	8- 9	6- 7	6- 7	
7014	143	20-24				14-17	11-14	11-14	11-14	14-17	14-17	11-14	11-14	9-11	9-11	7- 8	6- 7	8- 9	15
7804	109	24-28	14-17	11-14	17-20	17-20	17-20	11-14	11-14	11-14	11-14	11-14	7- 8	6- 7	8- 9	5- 6	0- 5	5- 6	13
7961	44	17-20	14-17			11-14	11-14	11-14	11-14	11-14	11-14	9-11	8- 9	9-11	9-11	5- 6	0- 5	5- 6	18
8044	144	24-28						14-17	11-14	11-14	11-14	9-11	11-14	8- 9	8- 9	7- 8	7- 8	7- 8	
8102	25	20-24			17-20	11-14	14-17	9-11	11-14	9-11	9-11	11-14			9-11	6- 7	6- 7	7- 8	35
8175	31						14-17	14-17	14-17	11-14	11-14		6- 7	9-11	9-11	6- 7	6- 7	6- 7	21
8226	96	24-28	17-20	9-11	14-17	14-17	11-14	14-17	11-14	11-14	11-14	9-11	6- 7		8- 9	5- 6	0- 5	5- 6	
8445	45	28+						20-24	20-24	17-20	17-20	14-17	11-14	11-14	11-14	9-11	8- 9	8- 9	50
8546	22	17-20		14-17		14-17	14-17			11-14	11-14	11-14	8- 9	9-11	9-11	7- 8	5- 6	6- 7	24
8547	17	20-24			11-14		14-17	11-14	14-17		11-14	11-14	9-11	9-11	9-11	9-11	7- 8		10
8763	15	17-20	11-14	11-14	17-20		11-14				9-11	9-11	9-11	7- 8	7- 8	5- 6	5- 6		10
8830	145	17-20			14-17	11-14	11-14	14-17	11-14	9-11	11-14	9-11	9-11	9-11	8- 9	6- 7	6- 7	7- 8	10
8877	125	17-20						14-17		9-11	9-11		8- 9	8- 9	14-17	8- 9	7- 8		
9090	72	20-24			11-14	9-11	11-14		9-11	11-14	9-11	9-11	8- 9	7- 8	8- 9	8- 9	5- 6	7- 8	10
9100	110	17-20	14-17			14-17		9-11	9-11	9-11	9-11	9-11	9-11		9-11	8- 9	6- 7	8- 9	
9248	54	14-17	11-14	11-14				11-14	9-11			9-11	9-11		8- 9	6- 7	6- 7	6- 7	12
9261	158	14-17		11-14	8- 9				9-11	8- 9	7- 8		5- 6		7- 8	7- 8	0- 5		
9278	41	17-20	14-17	14-17				9-11	9-11	8- 9	8- 9	8- 9	6- 7	7- 8	7- 8		0- 5	5- 6	8
9297	129	20-24	17-20	11-14					9-11	8- 9	7- 8	9-11	6- 7		6- 7	7- 8	0- 5	0- 5	
9423	122	20-24	14-17	14-17	14-17	14-17	14-17	17-20	14-17	11-14	14-17	14-17	11-14	11-14	17-20	9-11	7- 8	14-17	20
9428	58	17-20		9-11		11-14	11-14		11-14			9-11	9-11	7- 8	7- 8	5- 6	0- 5	6- 7	5
9500	36	17-20		11-14	9-11		11-14		11-14		9-11	8- 9	8- 9	7- 8	8- 9	6- 7	0- 5	0- 5	19
9597	131	20-24	9-11		14-17	14-17			11-14	11-14	9-11	11-14	8- 9		9-11		5- 6	5- 6	20
9930	74	24-28		20-24	14-17	20-24	17-20	14-17	14-17	11-14	9-11	9-11	7- 8	9-11	9-11	7- 8	6- 7	6- 7	7

WAGE RATES SUMMARY - 6000-10000 F.T.E.

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	30								3	15	7	4	1
ASSOCIATE ADMIN.	11						1	2	5	3			
ASSISTANT ADMIN.	16						3	8	4		1		
PRINCIPAL PLANNER	13					1	1	2	6	3			
PRINCIPAL CONSTR. ENGINEER	15						1	4	8	1	1		
CHIEF ENGRS. (MECH. ELEC. CIVIL)	17						1	9	5	2			
UTILITY OR POWER PLANT SUPT.	21						5	7	7	1	1		
SHOP SUPT. (MAINT.)	25						8	11	5		1		
CUSTODIAL SUPT.	25			1	1	4	4	11	3	1			
GROUNDS SUPT.	28				3	1	12	9	2	1			
SKILLED TRADES SUPERVISOR	27					5	12	7	3				
CUSTODIAL SUPERVISOR	30		1	7	4	7	7	4					
POWER PLANT EQUIP. OPERATORS	23	1		2	6	2	9	2	1				
SKILLED TRADES (PLUMBER,ELEC,ETC.)	31			1	8	7	11	2	1	1			
SKILLED GARDENERS	29	1	8	5	6	6	3						
CUSTODIANS	31	11	5	9	4	2							
SKILLED LABOR	24	3	6	6	4	4			1				

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 20 NO 11

PERCENTAGE MARKUP: 1-10% 7 11-20% 9 21-35% 3 36+% 1

WAGE RATES - 10000-16000 F.T.E.

(WAGE RATES SHOWN IN THOUSANDS)

FTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPVR	CUST SUPVR	UTIL EQUIP OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
10056	12	20-24		17-20	17-20	14-17	14-17	11-14	14-17	9-11	14-17	14-17	7- 8	11-14	11-14	7- 8	5- 6	8- 9	
11200	75	24-28	20-24			17-20	14-17	9-11	9-11	9-11	9-11	9-11	8- 9		7- 8	6- 7	6- 7	7- 8	40
11390	159	24-28	20-24			14-17	17-20	14-17	14-17	11-14	11-14	11-14	9-11	11-14	11-14		8- 9	8- 9	12
11500	59	24-28	20-24				20-24	14-17	14-17		11-14	14-17			11-14	8- 9	7- 8	8- 9	
11555	8	17-20	14-17	11-14				11-14	11-14	9-11	11-14	11-14	9-11	9-11	9-11	7- 8	7- 8	8- 9	10
11931	146	20-24		11-14	17-20	14-17	17-20	14-17	11-14	11-14	11-14		9-11	11-14	9-11	8- 9	7- 8	8- 9	
12067	49	24-28	14-17	14-17		17-20	14-17	11-14	11-14	11-14	14-17	11-14	8- 9	8- 9	9-11	6- 7	5- 6	5- 6	
12245	104	20-24	11-14	11-14		11-14	14-17	11-14	14-17	9-11	11-14	11-14	6- 7	8- 9	9-11	7- 8	6- 7	6- 7	35
12274	11	20-24		17-20	11-14			14-17	17-20	11-14	11-14	11-14	9-11	11-14	11-14	8- 9	7- 8	7- 8	50
13588	85	17-20		11-14			11-14		11-14	11-14	9-11	9-11	9-11		8- 9	7- 8	7- 8	7- 8	
13663	87	24-28		14-17				9-11	9-11	11-14	11-14	9-11	8- 9	8- 9	8- 9		5- 6		
13800	119	20-24	17-20	17-20	11-14	11-14	14-17	11-14	11-14	11-14	11-14	11-14	8- 9	9-11	9-11	7- 8	7- 8	7- 8	
14500	56	24-28	17-20	17-20	14-17	20-24	14-17	11-14	11-14	11-14	11-14	11-14	9-11	9-11	9-11	8- 9	7- 8	7- 8	
14962	112	20-24	14-17	11-14	9-11	14-17	11-14	9-11	9-11	9-11	11-14	8- 9	5- 6	6- 7	7- 8	5- 6	0- 5	5- 6	
15014	50	20-24	17-20	17-20				14-17	14-17	11-14	14-17	11-14	8- 9	8- 9	9-11	5- 6	0- 5	6- 7	19
15075	156	17-20	17-20	11-14			11-14	11-14	11-14	8- 9	11-14	8- 9	6- 7		6- 7	6- 7	0- 5	5- 6	22
15211	118	24-28	14-17	14-17				9-11	9-11	14-17	9-11	9-11	8- 9	9-11	9-11	8- 9	6- 7	8- 9	
15372	93	20-24		11-14		14-17	14-17	9-11	11-14	9-11	9-11	9-11	9-11	7- 8	7- 8	6- 7	0- 5	5- 6	
15453	120	17-20					14-17	11-14	11-14	11-14	11-14	8- 9	7- 8	8- 9	6- 7	5- 6	5- 6		19
15659	10	28+		24-28	17-20		17-20	14-17	14-17	11-14	11-14	11-14	9-11	11-14	11-14	8- 9	8- 9	8- 9	10
15795	9	20-24		14-17		14-17	17-20	11-14	14-17	11-14	11-14	11-14	9-11	9-11	11-14	9-11	6- 7	7- 8	40
15849	26						17-20	14-17	14-17	14-17	14-17	9-11	9-11	8- 9	8- 9	7- 8	0- 5		

WAGE RATES SUMMARY - 10000-16000 F.T.E.

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	21									4	9	7	1
ASSOCIATE ADMIN.	12							1	4	4	3		
ASSISTANT ADMIN.	17							7	4	5		1	
PRINCIPAL PLANNER	7						1	2	1	3			
PRINCIPAL CONSTR. ENGINEER	11							2	6	2	1		
CHIEF ENGRS. (MECH, ELEC, CIVIL)	17							3	8	5	1		
UTILITY OR POWER PLANT SUPT.	21						5	9	7				
SHOP SUPT. (MAINT.)	22						4	9	8	1			
CUSTODIAL SUPT.	21					1	6	12	2				
GROUNDS SUPT.	22						4	14	4				
SKILLED TRADES SUPERVISOR	21					3	6	10	2				
CUSTODIAL SUPERVISOR	21		1	2	2	6	10						
POWER PLANT EQUIP. OPERATORS	18			1	1	6	5	5					
SKILLED TRADES (PLUMBER, ELEC, ETC.)	22			2	3	3	8	6					
SKILLED GARDENERS	20		3	4	6	6	1						
CUSTODIANS	22	5	4	4	7	2							
SKILLED LABOR	19		4	2	6	7							

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 10 NO 12

PERCENTAGE MARKUP: 1-10% 2 11-20% 3 21-35% 2 36+% 3

WAGE RATES - 16000-22000 F.T.E.

(WAGE RATES SHOWN IN THOUSANDS)

FTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPVR	CUST SUPVR	UTIL EQUIP OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
16656	7	24-28		17-20	17-20	17-20	14-17	11-14	11-14	11-14	9-11	9-11	8- 9	9-11	9-11	7- 8	6- 7	7- 8	35
16951	154	17-20	17-20	17-20			11-14	11-14	9-11	9-11	14-17	7- 8	5- 6	6- 7	7- 8	6- 7	0- 5	6- 7	21
17500	40	24-28	14-17	14-17	14-17	11-14	11-14	14-17	9-11	11-14	14-17	9-11	8- 9	8- 9	7- 8	6- 7	6- 7	5- 6	
17646	148	24-28	17-20		17-20		14-17		11-14	11-14	11-14	11-14	9-11	11-14	11-14		6- 7	9-11	
17679	114	20-24	20-24	11-14		14-17	11-14			14-17	11-14	11-14	9-11		9-11	7- 8	7- 8	7- 8	15
17722	55	20-24	17-20		14-17		14-17		14-17	14-17	11-14	9-11	9-11	8- 9	8- 9	7- 8	7- 8		
17738	57	24-28	17-20			14-17	11-14	17-20	14-17	11-14	11-14	14-17	8- 9	9-11	14-17	9-11	6- 7	9-11	10
18975	111	20-24		14-17			17-20	14-17		11-14	11-14	14-17	9-11	9-11	14-17	8- 9	7- 8	7- 8	
19000	42	28+	20-24	17-20	20-24		17-20	20-24	17-20	11-14	17-20	17-20	9-11	14-17	17-20	11-14	7- 8	11-14	
19616	115	24-28	14-17	17-20	17-20	11-14	11-14	11-14	14-17	14-17	14-17	9-11	7- 8	8- 9	9-11	5- 6	0- 5	5- 6	65
19982	13	24-28			17-20		17-20		17-20	8- 9	11-14	11-14	7- 8	6- 7	9-11	7- 8	6- 7	8- 9	10
20000	43	24-28	20-24	17-20	17-20	17-20	14-17	11-14	11-14	11-14	9-11	11-14	9-11	9-11	14-17	7- 8	6- 7	7- 8	10
20349	128	20-24	17-20		17-20	20-24	14-17	11-14	17-20	14-17	14-17	20-24	9-11	11-14	17-20		8- 9	11-14	20
20560	46	24-28	20-24	11-14	14-17			14-17	14-17	14-17	11-14	11-14	9-11	9-11	9-11	8- 9	6- 7	8- 9	
21930	51	24-28	20-24	20-24			17-20	14-17	11-14	11-14	11-14	9-11	9-11		9-11		7- 8	7- 8	12

WAGE RATES SUMMARY - 16000-22000 F.T.E.

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	15									1	4	9	1
ASSOCIATE ADMIN.	12								2	5	5		
ASSISTANT ADMIN.	10							2	2	5	1		
PRINCIPAL PLANNER	10								3	6	1		
PRINCIPAL CONSTR. ENGINEER	7							2	2	2	1		
CHIEF ENGRS. (MECH. ELEC. CIVIL)	14							5	5	4			
UTILITY OR POWER PLANT SUPT.	11							5	4	1	1		
SHOP SUPT. (MAINT.)	13						2	4	4	3			
CUSTODIAL SUPT.	15					1	1	8	5				
GROUNDS SUPT.	15						2	8	4	1			
SKILLED TRADES SUPERVISOR	15				1		5	5	2	1	1		
CUSTODIAL SUPERVISOR	15		1		2	3	9						
POWER PLANT EQUIP. OPERATORS	13			2		3	5	2	1				
SKILLED TRADES (PLUMBER,ELEC,ETC.)	15				2	1	6	1	3	2			
SKILLED GARDENERS	12		1	2	5	2	1	1					
CUSTODIANS	15	2		7	5	1							
SKILLED LABOR	14		2	1	5	2	2	2					

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 9 NO 6

PERCENTAGE MARKUP: 1-10% 3 11-20% 3 21-35% 2 36+% 1

WAGE RATES - 22000+ F.T.E.

(WAGE RATES SHOWN IN THOUSANDS)

FTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPVR	CUST SUPVR	UTIL EQUIP OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
22051	65	20-24		11-14			14-17	14-17	14-17	11-14	14-17	11-14	9-11	9-11	9-11	5- 6	5- 6	5- 6	10
24585	76	24-28	20-24	17-20				17-20	20-24	11-14	14-17	17-20	9-11		17-20	8- 9	8- 9	17-20	20
24935	100	20-24		14-17			14-17	11-14	11-14	11-14	11-14	9-11	7- 8	8- 9	9-11	5- 6	5- 6	5- 6	60
24942	71		24-28	24-28	24-28	24-28	20-24	14-17	14-17	14-17		9-11	8- 9	7- 8	8- 9	7- 8	5- 6	5- 6	17
26260	153	28+		28+	11-14	17-20	14-17	11-14	11-14	11-14	11-14	11-14	8- 9	8- 9	8- 9	7- 8	6- 7		
27507	113	28+	24-28		17-20	20-24	17-20	20-24	17-20	17-20	17-20	14-17	11-14	9-11	8- 9	7- 8	6- 7	7- 8	
29000	4	28+	24-28	20-24	20-24		14-17	11-14	14-17	11-14	11-14	8- 9	5- 6	7- 8	7- 8		5- 6	0- 5	
29661	79	24-28		20-24	20-24	17-20	20-24	20-24	17-20	14-17	14-17	20-24	9-11	14-17	17-20	11-14	7- 8	11-14	45
30106	78	20-24	17-20	14-17	14-17	17-20	14-17	11-14	14-17	14-17	14-17	11-14	8- 9	8- 9					17
31140	81	24-28	24-28	24-28	17-20	17-20	20-24	17-20	17-20	20-24	14-17	17-20	11-14	11-14	17-20	9-11	8- 9	11-14	20
34000	86	28+	20-24				17-20	14-17	14-17	9-11	11-14	14-17	8- 9	8- 9	14-17	8- 9	7- 8	8- 9	13
34500	152	20-24		20-24		20-24	14-17	17-20	17-20	17-20	17-20	14-17	8- 9	11-14	11-14	8- 9	6- 7	9-11	30
34620	121	24-28	20-24	14-17	24-28	17-20	17-20	17-20	17-20	14-17	17-20	14-17	9-11	11-14	11-14	8- 9	6- 7	11-14	27
40008	82	28+	20-24	14-17	17-20	17-20	17-20	17-20	17-20	17-20	20-24	14-17	11-14	11-14	11-14	9-11	7- 8	9-11	
41220	161	28+		20-24			17-20	17-20	20-24	20-24	14-17	17-20	11-14		17-20	7- 8	7- 8	8- 9	

WAGE RATES SUMMARY - 22000+ F.T.E.

JOB DESCRIPTION	NUMBER OF SCHOOLS	ANNUAL RATE											
		TO 5000	5000 TO 6000	6000 TO 7000	7000 TO 8000	8000 TO 9000	9000 TO 11000	11000 TO 14000	14000 TO 17000	17000 TO 20000	20000 TO 24000	24000 TO 28000	28000 AND OVER
CHIEF PHYSICAL PLANT ADMIN.	14										4	4	6
ASSOCIATE ADMIN.	9									1	4	4	
ASSISTANT ADMIN.	13							1	4	1	4	2	1
PRINCIPAL PLANNER	9							1	1	3	2	2	
PRINCIPAL CONSTR. ENGINEER	9									6	2	1	
CHIEF ENGRS. (MECH. ELEC. CIVIL)	14								6	5	3		
UTILITY OR POWER PLANT SUPT.	15							4	3	6	2		
SHOP SUPT. (MAINT.)	15							2	5	6	2		
CUSTODIAL SUPT.	15						1	5	4	3	2		
GROUNDS SUPT.	14							4	6	3	1		
SKILLED TRADES SUPERVISOR	15					1	2	3	5	3	1		
CUSTODIAL SUPERVISOR	15		1		1	5	4	4					
POWER PLANT EQUIP. OPERATORS	13				2	4	2	4	1				
SKILLED TRADES (PLUMBER, ELEC, ETC.)	14				1	3	2	3	1	4			
SKILLED GARDENERS	13		2		4	4	2	1					
CUSTODIANS	14		4	4	4	2							
SKILLED LABOR	13	1	3		1	2	2	3		1			

DO YOU BILL FRINGE AND OVERHEAD COST TO OTHER DEPARTMENTS: YES 10 NO 5

PERCENTAGE MARKUP: 1-10% 1 11-20% 5 21-35% 2 36+% 2

WAGE RATES BY TOP LEVEL OF ACADEMIC PROGRAM - 2 YEAR

(WAGE RATES SHOWN IN THOUSANDS)

FTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPVR	CUST SUPVR	UTIL EQUIP OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
350	66	14-17						9-11	8- 9	8- 9	8- 9	9-11	6- 7	6- 7	9-11	5- 6	5- 6	5- 6	
980	19	14-17						9-11					8- 9	8- 9	8- 9	8- 9	6- 7	8- 9	
1200	28	9-11		7- 8			7- 8	8- 9	8- 9	8- 9	8- 9				8- 9	6- 7	6- 7	6- 7	
1625	126	14-17							8- 9				7- 8			6- 7	6- 7		
2131	62	20-24							14-17	11-14	9-11		8- 9		8- 9		7- 8		
2402	64	17-20							9-11	8- 9					9-11	8- 9	8- 9		
3009	151	17-20						11-14	9-11					8- 9			6- 7		
3300	127	17-20	9-11	9-11				7- 8		9-11		8- 9		6- 7	7- 8	6- 7	5- 6	7- 8	
3500	68	17-20						9-11	9-11	9-11	8- 9				8- 9	6- 7	5- 6		
3692	149	20-24		17-20				17-20	17-20	17-20			14-17	9-11	11-14	8- 9	8- 9		62
4380	137	20-24	14-17	11-14					11-14	11-14			8- 9		8- 9		6- 7	8- 9	
4440	73	20-24		9-11				9-11	8- 9		7- 8	8- 9	6- 7	7- 8	7- 8	6- 7	5- 6	7- 8	
4500	37	20-24	14-17	14-17		14-17				11-14	9-11		9-11	9-11	11-14	9-11	9-11	11-14	
4800	6	11-14	11-14		9-11	11-14		9-11	9-11	9-11	9-11	9-11	7- 8	8- 9	8- 9	7- 8	6- 7	6- 7	
5100	16	17-20	14-17				9-11	9-11	9-11	9-11	9-11	9-11	9-11	9-11	9-11	9-11	8- 9	6- 7	
6743	108	17-20		11-14						7- 8	7- 8	8- 9	6- 7		7- 8	5- 6	0- 5		
9100	110	17-20	14-17			14-17		9-11	9-11	9-11	9-11	9-11	9-11		9-11	8- 9	6- 7	8- 9	

WAGE RATES BY TOP LEVEL OF ACADEMIC PROGRAM - 4 YEAR

(WAGE RATES SHOWN IN THOUSANDS)

FTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPVR	CUST SUPVR	UTIL EQUIP OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
426	97	9-11		6- 7				5- 6		7- 8	6- 7			5- 6	7- 8		0- 5		10
596	89	9-11	8- 9										6- 7				5- 6	7- 8	
725	90	17-20						11-14	11-14	8- 9	9-11	8- 9	7- 8	7- 8	7- 8	6- 7	5- 6	6- 7	
750	98	11-14						8- 9	8- 9	6- 7	8- 9				7- 8		5- 6	5- 6	
958	99	14-17							9-11	8- 9	7- 8				7- 8		0- 5	6- 7	
1150	32	14-17	9-11	8- 9			9-11	8- 9	8- 9	7- 8	7- 8		7- 8	7- 8	8- 9	7- 8	6- 7	6- 7	
1193	84	20-24	11-14		20-24				9-11	8- 9	9-11		6- 7	7- 8	9-11	7- 8	0- 5	6- 7	
1200	53	14-17	11-14					8- 9	9-11		9-11			6- 7	8- 9			6- 7	
1238	95	11-14		8- 9		9-11			7- 8	5- 6	6- 7				5- 6		0- 5	5- 6	
1306	30	20-24			14-17	14-17	11-14	9-11	8- 9	7- 8	7- 8	7- 8	6- 7	8- 9	8- 9	6- 7	5- 6	6- 7	
1376	116	17-20		9-11				9-11	11-14	9-11	9-11	8- 9	7- 8		11-14	7- 8	6- 7	7- 8	
1467	61	14-17		9-11							9-11		7- 8	6- 7	7- 8		5- 6	8- 9	
1543	124	11-14							7- 8	8- 9							5- 6	6- 7	
1550	123	14-17	11-14					8- 9		7- 8	7- 8				6- 7		0- 5		
2066	94	14-17							9-11	8- 9	8- 9	8- 9	7- 8		8- 9	7- 8	6- 7	7- 8	
2275	48	11-14	9-11							6- 7		6- 7	0- 5	6- 7	7- 8	0- 5	0- 5	0- 5	16
3657	69	20-24		14-17			14-17	9-11	9-11		9-11		9-11	8- 9	14-17	8- 9	7- 8	7- 8	
3782	70	11-14						9-11	9-11	8- 9	9-11	7- 8	6- 7	8- 9	7- 8		5- 6	6- 7	
5195	142	17-20		14-17				11-14	11-14	9-11	9-11	9-11	9-11	9-11	9-11	7- 8	7- 8	8- 9	
5300	34	14-17				14-17		9-11			9-11	9-11	9-11	8- 9	8- 9	7- 8	7- 8		
5300	92	14-17						11-14	11-14	14-17	11-14	11-14	9-11	9-11	9-11	6- 7	6- 7		
8044	144	24-28						14-17	11-14	11-14	11-14	9-11	11-14	8- 9	8- 9	7- 8	7- 8	7- 8	
8226	96	24-28	17-20	9-11	14-17	14-17	11-14	14-17	11-14	11-14	11-14	9-11	6- 7		8- 9	5- 6	0- 5	5- 6	
8547	17	20-24			11-14		14-17	11-14	14-17		11-14	11-14	9-11	9-11	9-11	9-11	7- 8		10
8877	125	17-20						14-17		9-11	9-11		8- 9	8- 9	14-17	8- 9	7- 8		
9297	129	20-24	17-20	11-14					9-11	8- 9	7- 8	9-11	6- 7		6- 7	7- 8	0- 5	0- 5	
9423	122	20-24	14-17	14-17	14-17	14-17	14-17	17-20	14-17	11-14	14-17	14-17	11-14	11-14	17-20	9-11	7- 8	14-17	20
11200	75	24-28	20-24			17-20	14-17	9-11	9-11	9-11	9-11	9-11	8- 9		7- 8	6- 7	6- 7	7- 8	40
13663	87	24-28		14-17				9-11	9-11	11-14	11-14	9-11	8- 9	8- 9	8- 9		5- 6		
16951	154	17-20	17-20	17-20			11-14	11-14	9-11	9-11	14-17	7- 8	5- 6	6- 7	7- 8	6- 7	0- 5	6- 7	21
27507	113	28+	24-28		17-20	20-24	17-20	20-24	17-20	17-20	17-20	14-17	11-14	9-11	8- 9	7- 8	6- 7	7- 8	

WAGE RATES BY TOP LEVEL OF ACADEMIC PROGRAM - GRADUATE

(WAGE RATES SHOWN IN THOUSANDS)

FTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPVR	CUST SUPVR	UTIL EQUIP OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
785	135	20-24	11-14		9-11			9-11	11-14	9-11	8- 9	9-11	6- 7	8- 9	7- 8	0- 5	0- 5		15
1024	3	14-17							11-14	9-11	11-14				8- 9	7- 8	7- 8		
1200	47	17-20		11-14									6- 7	9-11	9-11		6- 7	7- 8	
1200	91	11-14						9-11	9-11	9-11			8- 9	7- 8	8- 9	6- 7	6- 7	7- 8	
1515	2	24-28			20-24		20-24	11-14	14-17	11-14	11-14	11-14	9-11	11-14	11-14	9-11	7- 8	8- 9	32
2267	63	20-24	17-20	14-17				11-14	11-14	11-14	11-14	9-11	8- 9	7- 8		7- 8	6- 7	6- 7	
2293	138	17-20						11-14	1-14	9-11	9-11	8- 9	7- 8	7- 8	7- 8	6- 7	6- 7	7- 8	10
2303	14	14-17	11-14					9-11		8- 9	7- 8		6- 7	7- 8	8- 9	6- 7	5- 6		
2480	150	20-24		11-14			14-17	11-14	8- 9	8- 9	8- 9	7- 8	6- 7	7- 8	6- 7	6- 7	5- 6	5- 6	20
2601	102	14-17		11-14		11-14		9-11	11-14	11-14	9-11	8- 9	8- 9	7- 8	8- 9	5- 6	0- 5	5- 6	
2627	67	14-17		8- 9				11-14		11-14	8- 9	11-14			9-11		6- 7	6- 7	35
2629	5	28+		24-28	28+	28+	20-24	20-24	20-24	20-24	20-24	17-20	14-17	14-17	17-20	14-17	9-11	14-17	32
2741	24	14-17	11-14							7- 8	7- 8	11-14	6- 7		8- 9	6- 7	6- 7	6- 7	
3310	134	20-24		17-20				14-17			9-11	11-14			8- 9	7- 8			15
4115	117	14-17		9-11				14-17			9-11		8- 9	8- 9		7- 8	6- 7		
4147	103	20-24		14-17				11-14	11-14	9-11	11-14	8- 9	7- 8	8- 9	8- 9	5- 6	0- 5		44
4174	60	14-17		11-14	20-24	14-17		9-11	11-14	8- 9	7- 8	9-11	5- 6	6- 7	8- 9	0- 5	0- 5	5- 6	
4214	105	14-17						14-17	9-11	9-11	7- 8	9-11	7- 8	6- 7	9-11	8- 9	0- 5	0- 5	20
4333	1	17-20	14-17							11-14	14-17	9-11	9-11	8- 9	8- 9	7- 8	7- 8	9-11	12
4569	39	20-24	14-17	9-11			11-14	11-14	11-14	9-11	9-11	9-11	7- 8	9-11	9-11	6- 7	6- 7	6- 7	
4625	141	20-24	14-17	11-14				9-11	9-11	8- 9	11-14	8- 9	7- 8	6- 7	6- 7	5- 6	0- 5	0- 5	
4757	106	20-24		14-17		9-11		9-11	14-17	11-14	11-14	9-11	7- 8	7- 8	8- 9	5- 6	5- 6		
5376	33	24-28			17-20	17-20	11-14	11-14	14-17		9-11	9-11	9-11	9-11	9-11		7- 8	7- 8	11
5466	23	17-20		7- 8		11-14	11-14		8- 9	7- 8	7- 8	6- 7	0- 5	5- 6	5- 6	0- 5	0- 5	5- 6	5
5979	107	17-20							9-11	6- 7	7- 8	8- 9	5- 6		6- 7	5- 6	0- 5	5- 6	
6042	130	14-17						9-11	9-11	6- 7	9-11	9-11	6- 7	7- 8	7- 8	5- 6	5- 6	5- 6	
6056	155	17-20		11-14				9-11	9-11	8- 9	9-11	8- 9	6- 7	0- 5	7- 8	0- 5	0- 5	0- 5	
6386	132	17-20		14-17			9-11				9-11	8- 9	7- 8	6- 7	7- 8	5- 6	0- 5		
6500	21	17-20		9-11	14-17	14-17		14-17	14-17	14-17		14-17	9-11	14-17	11-14	8- 9	8- 9	8- 9	20
6714	38	17-20					11-14	11-14	11-14	11-14	11-14		7- 8	9-11	9-11	8- 9	6- 7		19
6854	139	17-20	17-20			14-17		11-14		14-17	9-11	11-14	8- 9	9-11	9-11	8- 9	6- 7	6- 7	
7014	143	20-24				14-17	11-14	11-14	11-14	14-17	14-17	11-14	11-14	9-11	9-11	7- 8	6- 7	8- 9	15
7804	109	24-28	14-17	11-14	17-20	17-20	17-20	11-14	11-14	11-14	11-14	11-14	7- 8	6- 7	8- 9	5- 6	0- 5	5- 6	13
8102	25	20-24			17-20	11-14	14-17	9-11	11-14	9-11	9-11	11-14			9-11	6- 7	6- 7	7- 8	35
8175	31						14-17	14-17	14-17	11-14	11-14		6- 7	9-11	9-11	6- 7	6- 7	6- 7	21
8546	22	17-20		14-17		14-17	14-17			11-14	11-14	11-14	8- 9	9-11	9-11	7- 8	5- 6	6- 7	24
8763	15	17-20	11-14	11-14	17-20		11-14				9-11	9-11	9-11	7- 8	7- 8	5- 6	5- 6		10
8830	145	17-20			14-17	11-14	11-14	14-17	11-14	9-11	11-14	9-11	9-11	9-11	8- 9	6- 7	6- 7	7- 8	10
9090	72	20-24			11-14	9-11	11-14		9-11	11-14	9-11	9-11	8- 9	7- 8	8- 9	8- 9	5- 6	7- 8	10
9248	54	14-17	11-14	11-14				11-14	9-11			9-11	9-11		8- 9	6- 7	6- 7	6- 7	12
9261	158	14-17		11-14	8- 9				9-11	8- 9	7- 8		5- 6		7- 8	7- 8	0- 5		
9278	41	17-20	14-17	14-17				9-11	9-11	8- 9	8- 9	8- 9	6- 7	7- 8	7- 8		0- 5	5- 6	8
9428	58	17-20		9-11		11-14	11-14		11-14			9-11	9-11	7- 8	7- 8	5- 6	0- 5	6- 7	5
9500	36	17-20		11-14	9-11		11-14		11-14		9-11	8- 9	8- 9	7- 8	8- 9	6- 7	0- 5	0- 5	19
10056	12	20-24		17-20	17-20	14-17	14-17	11-14	14-17	9-11	14-17	14-17	7- 8	11-14	11-14	7- 8	5- 6	8- 9	
11390	159	24-28	20-24			14-17	17-20	14-17	14-17	11-14	11-14	11-14	9-11	11-14	11-14		8- 9	8- 9	12
11555	8	17-20	14-17	11-14				11-14	11-14	9-11	11-14	11-14	9-11	9-11	9-11	7- 8	7- 8	8- 9	10
11931	146	20-24		11-14	17-20	14-17	17-20	14-17	11-14	11-14	11-14		9-11	11-14	9-11	8- 9	7- 8	8- 9	

WAGE RATES BY TOP LEVEL OF ACADEMIC PROGRAM - GRADUATE

(WAGE RATES SHOWN IN THOUSANDS)

FTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPVR	CUST SUPVR	UTIL EQUIP OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
12067	49	24-28	14-17	14-17		17-20	14-17	11-14	11-14	11-14	14-17	11-14	8- 9	8- 9	9-11	6- 7	5- 6	5- 6	
12274	11	20-24		17-20	11-14			14-17	17-20	11-14	11-14	11-14	9-11	11-14	11-14	8- 9	7- 8	7- 8	50
13588	85	17-20		11-14			11-14		11-14	11-14	9-11	9-11	9-11		8- 9	7- 8	7- 8	7- 8	
13800	119	20-24	17-20	17-20	11-14	11-14	14-17	11-14	11-14	11-14	11-14	11-14	8- 9	9-11	9-11	7- 8	7- 8	7- 8	
14500	56	24-28	17-20	17-20	14-17	20-24	14-17	11-14	11-14	11-14	11-14	11-14	9-11	9-11	9-11	8- 9	7- 8	7- 8	
14962	112	20-24	14-17	11-14	9-11	14-17	11-14	9-11	9-11	9-11	11-14	8- 9	5- 6	6- 7	7- 8	5- 6	0- 5	5- 6	
15014	50	20-24	17-20	17-20				14-17	14-17	11-14	14-17	11-14	8- 9	8- 9	9-11	5- 6	0- 5	6- 7	19
15211	118	24-28	14-17	14-17				9-11	9-11	14-17	9-11	9-11	8- 9	9-11	9-11	8- 9	6- 7	8- 9	
15372	93	20-24		11-14		14-17	14-17	9-11	11-14	9-11	9-11	9-11	9-11	7- 8	7- 8	6- 7	0- 5	5- 6	
15453	120	17-20					14-17	11-14	11-14	11-14	11-14	8- 9	7- 8	8- 9	6- 7	5- 6	5- 6		19
15795	9	20-24		14-17		14-17	17-20	11-14	14-17	11-14	11-14	11-14	9-11	9-11	11-14	9-11	6- 7	7- 8	40
15849	26						17-20	14-17	14-17	14-17	14-17	9-11	9-11	8- 9	8- 9	7- 8	0- 5		
16656	7	24-28		17-20	17-20	17-20	14-17	11-14	11-14	11-14	9-11	9-11	8- 9	9-11	9-11	7- 8	6- 7	7- 8	35
17500	40	24-28	14-17	14-17	14-17	11-14	11-14	14-17	9-11	11-14	14-17	9-11	8- 9	8- 9	7- 8	6- 7	6- 7	5- 6	
17679	114	20-24	20-24	11-14		14-17	11-14			14-17	11-14	11-14	9-11		9-11	7- 8	7- 8	7- 8	15
17738	57	24-28	17-20			14-17	11-14	17-20	14-17	11-14	11-14	14-17	8- 9	9-11	14-17	9-11	6- 7	9-11	10
18975	111	20-24		14-17			17-20	14-17		11-14	11-14	14-17	9-11	9-11	14-17	8- 9	7- 8	7- 8	
19000	42	28+	20-24	17-20	20-24		17-20	20-24	17-20	11-14	17-20	17-20	9-11	14-17	17-20	11-14	7- 8	11-14	
19616	115	24-28	14-17	17-20	17-20	11-14	11-14	11-14	14-17	14-17	14-17	9-11	7- 8	8- 9	9-11	5- 6	0- 5	5- 6	65
21930	51	24-28	20-24	20-24			17-20	14-17	11-14	11-14	11-14	9-11	9-11		9-11		7- 8	7- 8	12
22051	65	20-24		11-14			14-17	14-17	14-17	11-14	14-17	11-14	9-11	9-11	9-11	5- 6	5- 6	5- 6	10
26260	153	28+		28+	11-14	17-20	14-17	11-14	11-14	11-14	11-14	11-14	8- 9	8- 9	8- 9	7- 8	6- 7		
29000	4	28+	24-28	20-24	20-24		14-17	11-14	14-17	11-14	11-14	8- 9	5- 6	7- 8	7- 8		5- 6	0- 5	
31140	81	24-28	24-28	24-28	17-20	17-20	20-24	17-20	17-20	20-24	14-17	17-20	11-14	11-14	17-20	9-11	8- 9	11-14	20

WAGE RATES BY TOP LEVEL OF ACADEMIC PROGRAM - MEDICAL

(WAGE RATES SHOWN IN THOUSANDS)

FTES	SCH NUM	CHIEF ADMIN	ASSOC ADMIN	ASST ADMIN	PRIN PLAN	CONST ENGR	CHIEF ENGRS	UTIL SUPT	MAINT SUPT	CUST SUPT	GRNDS SUPT	SKILL TRADE SUPVR	CUST SUPVR	UTIL EQUIP OPER	SKILL TRADE	SKILL GARD	CUST	SKILL LABOR	MARKUP PCT
470	18	17-20	14-17	14-17		11-14		9-11	9-11	9-11	9-11	9-11	6- 7	6- 7	8- 9	0- 5	0- 5	0- 5	5
590	133	20-24	11-14							9-11		9-11	8- 9		9-11	6- 7	6- 7		25
591	88	20-24	14-17	11-14									6- 7				5- 6	6- 7	24
1106	27	20-24		11-14	17-20	20-24		14-17	14-17	14-17	7- 8	14-17	9-11	9-11	11-14	6- 7	6- 7	8- 9	8
1200	80		24-28	24-28	20-24	17-20	17-20	17-20	17-20	14-17	17-20		14-17	9-11		9-11		6- 7	
1415	157	17-20	14-17	9-11		11-14	11-14	8- 9		9-11	8- 9	9-11	6- 7	8- 9	9-11	7- 8	0- 5	5- 6	45
1917	101	20-24	17-20	17-20	14-17			14-17	11-14	8- 9	6- 7	14-17	7- 8	8- 9	8- 9	8- 9	0- 5	5- 6	
1918	160	20-24	9-11			9-11		8- 9	9-11	9-11	9-11	8- 9	5- 6		7- 8	5- 6	0- 5	0- 5	
3110	140	14-17		11-14	11-14		9-11	8- 9	8- 9	7- 8	8- 9	7- 8	6- 7	6- 7	6- 7	0- 5	0- 5	0- 5	10
3739	20	17-20	11-14					8- 9	11-14	9-11	11-14	8- 9	6- 7	5- 6	7- 8	6- 7	0- 5	6- 7	
3932	136	17-20		14-17	14-17	14-17	14-17	11-14		11-14		9-11	8- 9	8- 9	8- 9	6- 7	6- 7	6- 7	58
7961	44	17-20	14-17			11-14	11-14	11-14	11-14	11-14	11-14	9-11	8- 9	9-11	9-11	5- 6	0- 5	5- 6	18
8445	45	28+						20-24	20-24	17-20	17-20	14-17	11-14	11-14	11-14	9-11	8- 9	8- 9	50
9597	131	20-24	9-11		14-17	14-17			11-14	11-14	9-11	11-14	8- 9		9-11		5- 6	5- 6	20
9930	74	24-28		20-24	14-17	20-24	17-20	14-17	14-17	11-14	9-11	9-11	7- 8	9-11	9-11	7- 8	6- 7	6- 7	7
11500	59	24-28	20-24				20-24	14-17	14-17		11-14	14-17			11-14	8- 9	7- 8	8- 9	
12245	104	20-24	11-14	11-14		11-14	14-17	11-14	14-17	9-11	11-14	11-14	6- 7	8- 9	9-11	7- 8	6- 7	6- 7	35
15075	156	17-20	17-20	11-14			11-14	11-14	11-14	8- 9	11-14	8- 9	6- 7		6- 7	6- 7	0- 5	5- 6	22
15659	10	28+		24-28	17-20		17-20	14-17	14-17	11-14	11-14	11-14	9-11	11-14	11-14	8- 9	8- 9	8- 9	10
17646	148	24-28	17-20		17-20		14-17		11-14	11-14	11-14	11-14	9-11	11-14	11-14		6- 7	9-11	
17722	55	20-24	17-20		14-17		14-17		14-17	14-17	11-14	9-11	9-11	8- 9	8- 9	7- 8	7- 8		
19982	13	24-28			17-20		17-20		17-20	8- 9	11-14	11-14	7- 8	6- 7	9-11	7- 8	6- 7	8- 9	10
20000	43	24-28	20-24	17-20	17-20	17-20	14-17	11-14	11-14	11-14	9-11	11-14	9-11	9-11	14-17	7- 8	6- 7	7- 8	10
20349	128	20-24	17-20		17-20	20-24	14-17	11-14	17-20	14-17	14-17	20-24	9-11	11-14	17-20		8- 9	11-14	20
20560	46	24-28	20-24	11-14	14-17			14-17	14-17	14-17	11-14	11-14	9-11	9-11	9-11	8- 9	6- 7	8- 9	
24585	76	24-28	20-24	17-20				17-20	20-24	11-14	14-17	17-20	9-11		17-20	8- 9	8- 9	17-20	20
24935	100	20-24		14-17			14-17	11-14	11-14	11-14	11-14	9-11	7- 8	8- 9	9-11	5- 6	5- 6	5- 6	60
24942	71		24-28	24-28	24-28	24-28	20-24	14-17	14-17	14-17		9-11	8- 9	7- 8	8- 9	7- 8	5- 6	5- 6	17
29661	79	24-28		20-24	20-24	17-20	20-24	20-24	17-20	14-17	14-17	20-24	9-11	14-17	17-20	11-14	7- 8	11-14	45
30106	78	20-24	17-20	14-17	14-17	17-20	14-17	11-14	14-17	14-17	14-17	11-14	8- 9	8- 9					17
34000	86	28+	20-24				17-20	14-17	14-17	9-11	11-14	14-17	8- 9	8- 9	14-17	8- 9	7- 8	8- 9	13
34500	152	20-24		20-24		20-24	14-17	17-20	17-20	17-20	17-20	14-17	8- 9	11-14	11-14	8- 9	6- 7	9-11	30
34620	121	24-28	20-24	14-17	24-28	17-20	17-20	17-20	17-20	14-17	17-20	14-17	9-11	11-14	11-14	8- 9	6- 7	11-14	27
40008	82	28+	20-24	14-17	17-20	17-20	17-20	17-20	17-20	17-20	20-24	14-17	11-14	11-14	11-14	9-11	7- 8	9-11	
41220	161	28+		20-24			17-20	17-20	20-24	20-24	14-17	17-20	11-14		17-20	7- 8	7- 8	8- 9	

APPENDIX

The Association of
Physical Plant Administrators
of Universities and Colleges

SUITE 510
ONE DUPONT CIRCLE
WASHINGTON, D.C. 20036
(202) 785-3062

APPA

September 17, 1973

COMPARATIVE UNIT COST STUDIES FOR
MAINTENANCE AND OPERATION OF PHYSICAL
PLANTS OF UNIVERSITIES AND COLLEGES

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To: APPA MEMBERS

During their last meeting, your Board directed the Research and Survey Committee to up-date the 1971 survey, copies of which most of you have in your files.

We are using the same questionnaires as used in the 1971 survey, therefore, please refer to the "Classification of Accounts" and "Definition of Terms" adopted by APPA for definitions, if required.

To make the survey meaningful, the information must be accurate, so please, do not include data pertaining to auxiliary enterprises or other self-liquidating enterprises in your report. Solicit help from your Business Office if necessary and if the cost preliminary to these areas cannot be separated out please so state with your returns.

Please participate--if your records do not provide answers to all questions, provide what you can by October 22, 1973.

With best regards,

Henry T. Barbatti

APPA Research and Survey Committee
Henry T. Barbatti, Chairman

Return questionnaires to: Henry T. Barbatti
Director of Physical Plant
University of Tennessee at
Chattanooga
833 Fort Wood Street
Chattanooga, Tennessee 37401

"An association, international in scope, founded in 1914, whose purpose is to develop professional standards in the administration, care, operation, planning and development of physical plants used by colleges and universities. . . ."

APPA STANDARDS COMMITTEE
QUESTIONNAIRE - 1973

A. MAINTENANCE AND OPERATIONS COST (1972-1973) Exclude auxiliary and self liquidating enterprises.

Subdivision	Gross Sq. Ft. Building Area Serviced	Cost per Square Foot (Gross Area) 1972-73
1. Physical Plant Admin. 1.1 & 1.2	_____	_____
2. Building Maintenance 2.1 thru 2.5	_____	_____
3. Custodial Services 3.1 thru 3.6	_____	_____
4. Campus Safety & Employee Training 4.1 thru 4.5	_____	_____
5. Utilities 5.1 thru 5.6	_____	_____
6. Landscape & Grounds Maintenance 6.1 thru 6.9	_____	_____
8. Traffic & Security 8.1 thru 8.6	_____	_____
9. General Services 9.1 thru 9.4	_____	_____

7. Major Repairs and Renovations 7.1 thru 7.4 _____ total dollars

B. CAMPUS AREA (January 1, 1973)

Gross area, acres _____

Intensely maintained area, acres _____

C. ENROLLMENT DATA (Fall Term or Semester - 1972)

1. Full time equivalent students _____

(this figure to be determined by dividing the number of graduate credit hours by 9 and the undergraduate hours by 15.)

APPA STANDARDS COMMITTEE
QUESTIONNAIRE - 1973

D. SALARY SURVEY (January 1, 1973) APPA REGION _____

Enrollment F.T.E. _____

JOB DESCRIPTION	ANNUAL RATE*											
	XXXX to 5,000	5,000 to 6,000	6,000 to 7,000	7,000 to 8,000	8,000 to 9,000	9,000 to 11,000	11,000 to 14,000	14,000 to 17,000	17,000 to 20,000	20,000 to 24,000	24,000 to 28,000	28,000 to XXXX
Chief Physical Plant Admin.												
Associate Admin.												
Assistant Admin.												
Principal Planner												
Principal Constr. Engineer												
Chief Engrs. (Mech, Elec, Civil)												
Utility or Power Plant Supt.												
Shop Supt. (Maint.)												
Custodial Supt.												
Grounds Supt.												
Skilled Trades Foreman												
Custodial Foreman												
Power Plant Equip. Operators												
Skilled Tradesmen (Plumber,Elec,etc.)												
Skilled Gardeners												
Custodians												
Skilled Labor												

*Direct payroll cost - without retirement and similar fringe benefit costs.

Do you bill fringe and overhead cost to other Departments? YES___ NO___

If YES, percent mark up_____

APPA STANDARDS COMMITTEE
QUESTIONNAIRE - 1973
page 3

University Name _____

Location _____

APPA Region _____

Programs: (Please check all that apply to your school)

2 year ( ) 4 year ( )

graduate ( ) medical ( )

Comments regarding this type of survey: _____

_____

_____

_____

_____

_____

Do you object to being identified in published survey results? YES___ NO___

(No institution will be identified if they object).

Signed: _____

Title: _____

NOTE: Please keep 1 copy and return one completed copy promptly (on or before October 22 1973) to:

Henry T. Barbatti
Director of Physical Plant
University of Tennessee at Chattanooga
833 Fort Wood Street
Chattanooga, Tennessee 37401

ASSOCIATION OF PHYSICAL PLANT ADMINISTRATORS
CLASSIFICATION OF ACCOUNTS
MAY, 1970

MAJOR ACCOUNTS

1. Physical Plant Administration
2. Building Maintenance
3. Custodial Services
4. Campus Safety and Employee Training
5. Utilities
6. Landscape and Grounds Maintenance
7. Major Repairs and Renovations
8. Traffic and Security
9. General Services

OUTLINE OF COSTS TO BE INCLUDED UNDER EACH MAJOR ACCOUNT

1. Physical Plant Administration

All activities necessary to carry out the duties of management and administration for all areas under the jurisdiction of the Physical Plant Division are included. Examples of the activities are:

1.1 Administration

Salaries, wages, employee benefits, travel, equipment, and other operating costs required for:

Administrator.
Assistant Administrators.
Office personnel including account keeping done by the Physical Plant Department such as payroll, billing, material ordering, personnel records, and dispatching of work orders.
Other administrative operating costs including supplies, materials, pro rata share of telephones, postage, computer rental, accounting machine costs, and career training programs.

1.2 Engineering normally includes:

Salaries, wages, employee benefits, travel, equipment, and other costs required to provide technical and engineering services necessary to effectively carry out the functions assigned and funded in the Physical Plant Division. Includes staff personnel such as engineers, architects, draftsmen, estima-

1.2 Engineering - (Cont'd)

tors, schedulers; and preparation of documents for contractural maintenance and renovations; also includes analysis of systems and modes of operation, plant records, etc. Preparation of architectural and engineering plans and specifications for the alterations and new construction are normally funded from other sources.

2. Building Maintenance

Building Maintenance includes all items related to routine repair of buildings, structures, and utility distribution systems, including normal recurring repairs and preventive maintenance. Does not include cost of service for which reimbursement is received from other sources such as auxiliary enterprises, new construction, alterations, etc. Include the following:

2.1 Interior and exterior of buildings

2.2.1 Plumbing, heating, air conditioning, and ventilation,

2.2.2 Electrical repairs of all types including primary and secondary systems, and certain lamp replacements and maintenance of outdoor lighting fixtures, (Does not include energy costs.)

2.2.3 Carpentry and cabinet making,

2.2.4 Painting and glazing,

2.2.5 Hardware, locks, keys, closers, and records,

2.2.6 Roofing and sheet metal work, including downspouts and gutters,

2.2.7 Welding and necessary machine work,

2.2.8 Elevators and other building machinery,

2.2.9 Miscellaneous building repairs such as tuckpointing, blinds, etc.,

2.3 Maintenance of classroom and laboratory furniture and equipment within the building not inventoried to a department.

2.4 Maintenance of utility distribution systems inside the building. Electrical, heating, process steam, water lines, gas lines, and sewer lines (both storm and sanitary).

2.5 Operating and replacement costs of all equipment and material and tools used in connection with building maintenance excluding hand tools furnished by the employees.

3. Custodial Services

Includes all costs related to custodial services in building interiors. Does not include auxiliary enterprise buildings.

3.1 Salaries, wages and employee benefits of custodians, supervision, and services required for cleaning of building interiors.

3.2 Small set-ups only where materials for the special set-ups are stored or kept within the same building.

3.3 Snow removal on building steps + 5 feet of sidewalk in each direction.

3.4 Other operating costs such as paper, paper towels and tissue, wax, erasers, chalk, cleaners, and other materials and supplies.

3.5 Operating and replacement costs of all equipment used in connection with custodial services and certain lamp replacement.

3.6 Elevator operation on non-automatic equipment.

Common operations include: Mopping, sweeping, waxing of floors (sanding and refinishing of floors are excluded); dusting, polishing of furniture and fixtures such as venetian blinds, partitions, pictures, maps, radiators, etc.; cleaning of chalkboards, chalk trays, erasers, and replacement of chalk; washing and dusting of walls; cleaning and disinfecting commodes and urinals; cleaning and washing other fixtures, walls and partitions, and replenishing supplies for restrooms; the emptying and cleaning of waste receptacles; dusting and cleaning of windows and other glass surfaces; sweeping and cleaning of entrances; and opening and/or closing building, doors and windows.

The custodian is not a personal servant, messenger, mailman or laboratory assistant for the faculty or students. Generally, services requiring technical direction at the time of performances such as cleaning chemistry laboratory bench tops, decontaminating radioactive facilities, or cleaning of extremely delicate apparatus are not classified as custodial, but are usually provided by the department having specific jurisdiction.

4. Campus Safety and Employee Training

Includes all cost of fire prevention and fire protection, accident prevention, and employee training programs.

4.1 Salaries, materials, travel, and equipment costs of campus fire department.

4.2 Cost of audio-visual aids, demonstration devices and materials for campus-wide training in fire prevention, evacuation drills, and accident prevention.

4.3 Maintenance of fire sprinkler systems, alarms, fire extinguishers, first aid equipment, and other protective devices.

4.4 Purchase of monitoring and measuring devices required to insure good industrial hygiene and safe handling of radioactive wastes and dangerous materials.

4.5 Procurement or preparation of literature, posters, books, and printed matter used in training.

5. Utilities

Utility services include all costs for energy for heating, cooling, light and power, gas, water, and any other utilities necessary for the operation of the Physical Plant and normally includes:

5.1 Payroll costs of all supervisory and operating personnel in connection with utilities.

5.2 Operation and maintenance of heating and power plant equipment including water plant and sewage disposal plant.

5.3 Operation and maintenance of equipment in central air conditioning plant.

5.4 Contractural costs for purchase of electricity, water, and sewage treatment.

5.5 Operation and replacement costs of all equipment used in connection with production utilities.

5.6 Maintenance of utility tunnels, outdoor distribution systems for electricity, gas, steam compressed air, chilled water, and high temperature water, domestic water, sanitary and storm drains. The expense does not include open ditch drainage.

6. Landscape and Grounds Maintenance

Grounds maintenance includes operation and maintenance of campus landscape and grounds. Report in relationship to your total gross area of Physical Plant buildings, and also in relationship to ground area in acres. Exclude areas not intensively maintained by the Physical Plant budget and/or other areas for which the Physical Plant is reimbursed.

6.1 Salaries, wages, and employee benefits of all supervisory and operating personnel in connection with grounds,

6.2 All areas of the main campus maintained. Growing things as trees, grass, shrubs, flowers, nursery stock including seeds, fertilizers, and plant materials.

6.3 Maintenance of roads and walks, parking areas, irrigation systems, signs, etc.

6.4 Snow removal,

6.5 Maintenance of golf course, athletic practice fields, and stadium varsity fields. (Costs are normally excluded from Physical Plant budgets.)

6.6 Maintenance of Physical Education, Intramural, and R.O.T.C. drill fields,

6.7 Maintenance of open ditch drainage, fences, retaining walls and rip rap,

6.8 Care of miscellaneous fixed equipment such as benches, shelter houses, etc.,

6.9 Operation and replacement costs of all equipment used in connection with grounds maintenance.

7. Major Repairs and Renovations (Special Line Items)

Major repairs and rehabilitation includes all costs for major nonrecurring repairs, major deferred maintenance items. Major projects are those costing in excess of $10,000.

7.1 Cost of salaries of supervisory and operating personnel connected with major repairs and renovation projects,

7.2 Line item special allotments and essentially large improvement items,

7.3 Replacement costs of all equipment used in connection with major repairs and renovations,

7.4 Costs related to planning, design, or administration of major repairs and renovations.

8. Traffic and Security

Traffic and security includes all costs for watchmen, police services related to plant and campus security, and vehicle control.

8.1 Salaries of all supervisory and operating personnel in connection with traffic and security.

8.2 Patrol of campus and school areas including exterior of buildings by campus police.

8.2.1 Patrol vehicles, radio communications cost, uniforms, and police equipment including radar,

8.2.2 Office operation. Registration of cars, collection of fees and fines, including accounting records,

8.3 Watchmen for building interiors on a route system.

8.3.1 Uniforms and clocks,

8.3.2 Operating and maintenance of vehicles used in watch service.

8.4 Other operating costs such as car identification stickers, office supplies and equipment.

8.5 Parking control such as vehicle operated gates, and parking meters, and traffic control lights and attendants.

8.6 Closed circuit TV monitors, burglar alarm, etc.

9. General Services

General Services in which Physical Plant divisions have primary jurisdiction at some universities are:

9.1 Purchasing and receiving and stores for supplies and equipment for the entire campus,

9.2 Garbage and trash disposal,

9.3 Hauling, moving, and storing of furniture for other departments,

9.4 Property insurance.

FLOOR AREA DEFINITIONS
APPA ADOPTED STANDARDS

GROSS AREA

As defined in the U. S. Department of Health, Education, and Welfare Bulletin No. OE 51004-12, "Function then relates to assignable area plus unassignable area (restrooms, corridors, stairs, wall and partition thickness, and the like), equal gross area." Gross area, therefore, is defined as the area of each floor level included within the principal outside faces of exterior walls, neglecting architectural setbacks and projections. All stories or space which have floor surfaces that can be adapted to use are included.

NET AREA

"The net area is the sum of all measurable floor space with a head room of 6'6" or more." This includes every room, toilet, corridor, stairway, and closet in the building. It does not include pipe spaces, tunnels, duct spaces, unfinished attic spaces, or basement spaces. Include in a room the floor area of closets, alcoves, built-in cabinets, and shelving which open into and serve the room. Do not deduct the area of columns, door swing, or other obstructions unless they represent a significant loss of floor space.

RECORDING TECHNIQUE (assignable area)

This may be defined by different terms in different areas. This is the floor area assignable to an operating department. Assignable floor area of the building is the sum of the floor areas of the individual rooms assigned to agencies housed in the building excluding those agencies concerned only with the maintenance and operation of the building services and the building itself and excluding floor space devoted to those building services. Excluded are corridors, stairways, toilet rooms, janitor closets, mechanical rooms, transformer rooms, loading docks, utility shafts, etc. This figure actually represents the building space actually housing an academic program.